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## Product Datasheet

### **GPN1 / XAB1 (DNA Repair & Protein Synthesis) (GPN1/2350), 0.2mg/mL, Clone: [GPN1/2350], Mouse, Monoclonal BOT-BNUB2350-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | GPN1 / XAB1 (DNA Repair & Protein Synthesis) (GPN1/2350), 0.2mg/mL, Clone: [GPN1/2350], Mouse, Monoclonal                                                                                                                                                     |
| Biozol Catalog Number      | BOT-BNUB2350-500                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB2350-500                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB2350-500-500UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | WB                                                                                                                                                                                                                                                            |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant full-length human GPN1 protein                                                                                                                                                                                                                    |
| Product Description        | GPN1 is involved in protein synthesis events. It is expressed ubiquitously with highest expression in testis. It binds to the RNA polymerase II- (Poll II) associated proteins RPAP1-3 and to XPA (a protein involved in DNA repair mechanisms), thereby f... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [GPN1/2350]                                                                                                                                                                                                                                                   |
| Molecular Weight           | 42 kDa                                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">Q9HCN4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody ELISA: For coating order antibody without BSA Immunohistology (formalin): 1-2 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user</p> |