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## Product Datasheet

### Akt1 (phospho Tyr474) rabbit pAb, Rabbit, Polyclonal EBT-ES1486

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Akt1 (phospho Tyr474) rabbit pAb, Rabbit, Polyclonal                                                                                                                                                                                                          |
| Biozol Catalog Number      | EBT-ES1486                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | ES1486                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | EBT-ES1486-50, EBT-ES1486-100                                                                                                                                                                                                                                 |
| Manufacturer               | ELK Biotechnology                                                                                                                                                                                                                                             |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA, IF, IHC, WB                                                                                                                                                                                                                                            |
| Species Reactivity         | Human, Monkey, Mouse, Rat                                                                                                                                                                                                                                     |
| Immunogen                  | The antiserum was produced against synthesized peptide derived from human Akt around the phosphorylation site of Tyr474. AA range:431-480                                                                                                                     |
| Product Description        | The serine-threonine protein kinase encoded by the AKT1 gene is catalytically inactive in serum-starved primary and immortalized fibroblasts. AKT1 and the related AKT2 are activated by platelet-derived growth factor. The activation is rapid and speci... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/ml                                                                                                                                                                                                                                                       |
| Molecular Weight           | 56kD                                                                                                                                                                                                                                                          |
| NCBI                       | <a href="#">207</a>                                                                                                                                                                                                                                           |

|                    |                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| UniProt            | <a href="#">P31749</a>                                                                                                     |
| Application Dilute | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.<br>ELISA: 1/5000. Not yet tested in other applications. |