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## Product Datasheet

### AMPK Alpha1 (Phospho-Ser487) Polyclonal Antibody, Rabbit ABI-35-1165-50

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | AMPK Alpha1 (Phospho-Ser487) Polyclonal Antibody, Rabbit                                                                                                                                                                                                      |
| Biozol Catalog Number      | ABI-35-1165-50                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | 35-1165-50                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | ABI-35-1165-50-50UL                                                                                                                                                                                                                                           |
| Manufacturer               | Abeomics                                                                                                                                                                                                                                                      |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IF, IHC, WB                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Peptide sequence around phosphorylation site of serine 496 (S-G-S(P)-V-S) derived from Human AMPK $\alpha$ 1.                                                                                                                                                 |
| Product Description        | Responsible for the regulation of fatty acid synthesis by phosphorylation of acetyl-CoA carboxylase. It also regulates cholesterol synthesis via phosphorylation and inactivation of hormone-sensitive lipase and hydroxymethylglutaryl-CoA reductase. App... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |
| NCBI                       | <a href="#">5562</a>                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">Q13131</a>                                                                                                                                                                                                                                        |
| Form                       | Purified                                                                                                                                                                                                                                                      |

|                    |                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Target             | AMPK Alpha1 (Phospho-Ser487)Antibody                                                                                        |
| Application Dilute | Predicted MW: 63kd, Western blotting: 1:500~1:1000,<br>Immunohistochemistry: 1:50~1:100, Immunofluorescence:<br>1:100~1:200 |