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Product Datasheet

AKT (phospho-Y315) polyclonal antibody, Unconjugated, Rabbit BWT-BS4648

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| Article Name | AKT (phospho-Y315) polyclonal antibody, Unconjugated, Rabbit |
| Biozol Catalog Number | BWT-BS4648 |
| Supplier Catalog Number | BS4648 |
| Alternative Catalog Number | BWT-BS4648-50UL,BWT-BS4648-100UL |
| Manufacturer | Bioworld Technology |
| Host | Rabbit |
| Category | Antikörper |
| Application | IHC |
| Species Reactivity | Human, Mouse, Rat |
| Immunogen | Synthetic phosphopeptide derived from human AKT1 around the phosphorylation site of Tyrosine 315. |
| Conjugation | Unconjugated |
| Product Description | AKT, also known as protein kinase B (PKB), is a 57 kDa serine/threonine protein kinase. There are three mammalian isoforms of Akt: AKT1 (PKB alpha), AKT2 (PKB beta) and AKT3 (PKB gamma) with AKT2 and AKT3 being approximately 82% identical with the AK... |
| Molecular Weight | ~ 60 kDa |
| UniProt | P31749 |

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| Purity | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE). |
| Form | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2 |
| Application Dilute | IHC: 1:50~1:200 |
| Application Notes | p-AKT (Y315) polyclonal antibody detects endogenous levels of AKT1 only when phosphorylated at Tyr315. This antibody also recognizes AKT2 and AKT3 when phosphorylated at the corresponding residues. |