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## Product Datasheet

### **Akt (Phospho-S473) polyclonal antibody, Unconjugated, Rabbit BWT-AP0488**

|                            |   |
|----------------------------|---|
| Article Name               | Akt (Phospho-S473) polyclonal antibody, Unconjugated, Rabbit  |
| Biozol Catalog Number      | BWT-AP0488  |
| Supplier Catalog Number    | AP0488  |
| Alternative Catalog Number | BWT-AP0488-50UL,BWT-AP0488-100UL  |
| Manufacturer               | Bioworld Technology   |
| Host                       | Rabbit  |
| Category                   | Antikörper  |
| Application                | IF, IP, WB  |
| Species Reactivity         | Human   |
| Immunogen                  | Synthetic phosphopeptide derived from human Akt around the phosphorylation site of Serine 473.  |
| Conjugation                | Unconjugated  |
| Product Description        | Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. ... |
| Molecular Weight           | ~ 56 kDa  |
| UniProt                    | <a href="#">P31751</a>  |
| 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 | WB: 1:2000~1:5000 IF: 1:100~1:500 IP: 1:50~1:200  |
| Application Notes  | Akt (Phospho-S473) polyclonal antibody detects endogenous levels of Akt protein only when phosphorylated at Ser473. |