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Product Datasheet

AKT (phospho-T450) polyclonal antibody, Unconjugated, Rabbit BWT-BS4255

Article Name	AKT (phospho-T450) polyclonal antibody, Unconjugated, Rabbit
Biozol Catalog Number	BWT-BS4255
Supplier Catalog Number	BS4255
Alternative Catalog Number	BWT-BS4255-50UL,BWT-BS4255-100UL
Manufacturer	Bioworld Technology
Host	Rabbit
Category	Antikörper
Application	IF, IHC, IP, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic phosphopeptide derived from human AKT1 around the phosphorylation site of Threonine 450.
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

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: 1:500~1:1000 IHC: 1:50~1:200 IP: 1:50~1:200 IF: 1:100~1:500
Application Notes	p-AKT (T450) polyclonal antibody detects endogenous levels of AKT1 only when phosphorylated at Thr450. This antibody also recognizes AKT2 and AKT3 when phosphorylated at the corresponding residues.