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Product Datasheet

AKT (phospho-S473) polyclonal antibody, Unconjugated, Rabbit BWT-BS4007

Article Name	AKT (phospho-S473) polyclonal antibody, Unconjugated, Rabbit
Biozol Catalog Number	BWT-BS4007
Supplier Catalog Number	BS4007
Alternative Catalog Number	BWT-BS4007-50UL,BWT-BS4007-100UL
Manufacturer	Bioworld Technology
Host	Rabbit
Category	Antikörper
Application	IHC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic phosphopeptide derived from human AKT1 around the phosphorylation site of Serine 473.
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
Application Notes	p-AKT (S473) polyclonal antibody detects endogenous levels of AKT1 only when phosphorylated at Ser473. This antibody also recognizes AKT2 and AKT3 when phosphorylated at the corresponding residues.