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## Product Datasheet

### AMPKalpha1 (phospho-S486) polyclonal antibody, Unconjugated, Rabbit BWT-BS4010

Article Name	AMPKalpha1 (phospho-S486) polyclonal antibody, Unconjugated, Rabbit
Biozol Catalog Number	BWT-BS4010
Supplier Catalog Number	BS4010
Alternative Catalog Number	BWT-BS4010-50UL,BWT-BS4010-100UL
Manufacturer	Bioworld Technology
Host	Rabbit
Category	Antikörper
Application	IHC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic phosphopeptide derived from human AMPKalpha1 around the phosphorylation site of Serine 486.
Conjugation	Unconjugated
Product Description	AMPK is a heterotrimeric complex comprising a catalytic alpha subunit and regulatory beta and gamma subunits. It protects cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. AMPK is activated by high AMP...
Molecular Weight	~ 63 kDa
UniProt	<a href="#">Q13131</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: 1:500~1:1000 IHC: 1:50~1:200
Application Notes	p-AMPKalpha1 (S486) polyclonal antibody detects endogenous levels of AMPKalpha1 protein only when phosphorylated at Ser486. The antibody does not cross-react with phosphorylated AMPKalpha2 or other related proteins.