

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### eIF2alpha (phospho-S51) polyclonal antibody, Unconjugated, Rabbit BWT-BS4787

Article Name	eIF2alpha (phospho-S51) polyclonal antibody, Unconjugated, Rabbit
Biozol Catalog Number	BWT-BS4787
Supplier Catalog Number	BS4787
Alternative Catalog Number	BWT-BS4787-50UL,BWT-BS4787-100UL
Manufacturer	Bioworld Technology
Host	Rabbit
Category	Antikörper
Application	IHC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic phosphopeptide derived from human eIF2alpha around the phosphorylation site of Serine 51.
Conjugation	Unconjugated
Product Description	eIF2alpha, also known as EIF2S1 or EIF2, is a 315 amino acid subunit of the eukaryotic initiation complex that functions to bind tRNA to the 40S ribosomal subunit (in a GTP-dependent manner), thereby initiating translation. In addition, the phosphory...
Molecular Weight	~ 38 kDa
UniProt	<a href="#">P05198</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-eIF2alpha (S51) polyclonal antibody detects endogenous levels of eIF2alphaprotein only when phosphorylated at Ser51.