

Datasheet for ABIN5003297

anti-GCN2 antibody (pThr667) (AbBy Fluor® 680)



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Overview

Quantity:	100 µL
Target:	GCN2 (EIF2AK4)
Binding Specificity:	pThr667
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCN2 antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human GCN2 around the phosphorylation site of Thr667
Isotype:	IgG
Specificity:	This phosphorylation site is homologous to Thr666 in Mouse and Thr667 in Rat.
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	GCN2 (EIF2AK4)
Alternative Name:	GCN2 (EIF2AK4 Products)
Background:	<p>Synonyms: GCN2, PVOD2, Eukaryotic translation initiation factor 2-alpha kinase 4, GCN2-like protein, EIF2AK4, KIAA1338</p> <p>Background: GCN2 belongs to a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor 2 to downregulate protein synthesis in response to varied cellular stresses.</p>
Gene ID:	440275
UniProt:	Q9P2K8
Pathways:	ER-Nucleus Signaling , Hepatitis C

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months