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Datasheet for ABIN1713506 anti-GGNBP1 antibody (AA 25-109)



Overview

Quantity:	100 µL	
Target:	GGNBP1	
Binding Specificity:	AA 25-109	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GGNBP1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GGNBP1
Isotype:	lgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	GGNBP1
Alternative Name:	GGNBP1 (GGNBP1 Products)

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Target Details

Background:

Synonyms: Gametogenetin-binding protein 1, GGNBP1, Putative gametogenetin-binding protein 1, GGNB1_HUMAN.

Background: GGNBP1 is a 109 amino acid protein that is thought to be involved in spermatogenesis and interacts with gametogenetin. GGNBP1 localizes to cytoplasm, membrane and Golgi apparatus, and exits as two isoforms which are produced by alternative splicing events. The gene encoding GGNBP1 maps to human chromosome 6, which contains 170 million base pairs and comprises nearly 6 % of the human genome. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Additionally, Porphyria cutanea tarda, Parkinson's disease, Stickler syndrome and a susceptibility to bipolar disorder are all associated with genes that map to chromosome 6.

Application Details

Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
	ICC 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	

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Expiry Date:

12 months

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