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Datasheet for ABIN1694550

anti-GGNBP1 antibody (AA 25-109) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	GGNBP1
Binding Specificity:	AA 25-109
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GGNBP1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

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

Target Details

Target:	GGNBP1
Alternative Name:	GGNBP1 (GGNBP1 Products)
Background:	Synonyms: Gametogenetin-binding protein 1, GGNBP1, Putative gametogenetin-binding protein

Target Details

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 exists 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: 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