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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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