



## Rabbit Anti-GGNBP1 antibody

SL12266R

<b>Product Name:</b>	GGNBP1
<b>Chinese Name:</b>	配子生成素Binding protein1 抗体
<b>Alias:</b>	Gametogenetin-binding protein 1; GGNBP1; Putative gametogenetin-binding protein 1; GGNB1 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	12kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from Human GGNBP1:25-109/109
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**Function:**

May be involved in spermatogenesis.

**Subunit:**

Interacts with GGN (By similarity).

**Subcellular Location:**

Cytoplasm. Membrane; Peripheral membrane protein. Golgi apparatus

**SWISS:**

Q5YKI7

**Gene ID:**

449520

**Database links:**

[Entrez Gene: 449520](#)Human

[Omic: 609495](#)Human

[SwissProt: Q5YKI7](#)Human

[Unigene: 582973](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.