

## 谷氨酰胺合酶结构域蛋白 1 抗体

产品货号： mIR18237

英文名称： LGSN

中文名称： 谷氨酰胺合酶结构域蛋白 1 抗体

别名： GLULD1; Glutamate ammonia ligase domain containing protein 1; Lengsin; lengsin, lens protein with glutamine synthetase domain; Lens glutamine synthase like; LGS; LGSN; LGSN\_HUMAN.

研究领域： 细胞生物 免疫学 神经生物学 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 57kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human LGSN:51-150/509

亚型： IgG

纯化方法： affinity purified by Protein A

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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.

PubMed： PubMed

产品介绍： This gene encodes a protein with similarity to the GS I members of the glutamine synthetase superfamily. The encoded protein is referred to as a pseudo-glutamine synthetase because it has no glutamine synthesis activity and may function as a chaperone protein. This protein is localized to the lens and may be associated with cataract disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2009]

**Function:**

May act as a component of the cytoskeleton or as a chaperone for the reorganization of intermediate filament proteins during terminal differentiation in the lens. Does not seem to have enzymatic activity.

**Tissue Specificity:**

Abundantly expressed in lens.

**Similarity:**

Belongs to the glutamine synthetase family.



**SWISS:**

Q5TDP6

**Gene ID:**

51557

**Important Note:**

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