



## Rabbit Anti-GRP antibody

SL10631R

<b>Product Name:</b>	GRP
<b>Chinese Name:</b>	半乳糖凝集素相关蛋白GRP抗体
<b>Alias:</b>	LGALSL; LEGL_HUMAN; Galectin-related protein; Lectin galactoside-binding-like protein; HSPC159.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,
<b>Applications:</b>	ELISA=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>Cellular localization:</b>	Extracellular matrix
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human GRP:1-100/172
<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 癢 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癢. 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 癢.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Galectins are a family of soluble b-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and also play a role in tumor progression, pre-mRNA splicing and apoptosis. The Galectin-related protein (GRP), also designated HSPC159, is a 172 amino acid protein that contains one galectin domain. However, HSPC159 does not appear to bind carbohydrates or lactose because the critical residues required for binding are not conserved. The gene encoding

HSPC159 maps to human chromosome 2, which consists of 237 million bases and makes up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2, including Harlequin ichthyosis, sitosterolemia and Alström syndrome.

**Function:**

Does not bind lactose, and may not bind carbohydrates.

**Subunit:**

Monomer (Probable).

**Similarity:**

Contains 1 galectin domain.

**SWISS:**

Q3ZCW2

**Gene ID:**

29094

**Database links:**

[Entrez Gene: 470387](#)Chimpanzee

[Entrez Gene: 516629](#)Cow

[Entrez Gene: 101141454](#)Gorilla

[Entrez Gene: 29094](#)Human

[Entrez Gene: 216551](#)Mouse

[Entrez Gene: 360983](#)Rat

[SwissProt: Q3ZCW2](#)Human

[SwissProt: Q8VED9](#)Mouse

[SwissProt: Q5R5K6](#)Orangutan

[Unigene: 372208](#)Human

**Important Note:**

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