

GRP Rabbit pAb

Catalog # AP97658

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q3ZCW2
Other Accession	Q3ZCW2
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18986
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GRP
Epitope Specificity	1-100/172
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 galectin domain.
SUBUNIT	Monomer (Probable).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	29094
Other Names	CK820_G0015225; HSPC159; GRP; 1110067D22Rik; A530071M23; Grpa; Lgalsla; RGD1307414; LEGL_HUMAN; LGALSL; Galectin-like protein; Lectin galactoside-binding-like protein; LEGL_MOUSE; Galectin-related protein A; Lectin galactoside-binding-like protein A; LEGL_PONAB; galectin like; lectin, galactoside-binding-like; galectin-related protein
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	LGALSL
Synonyms	GRP
Function	Does not bind lactose, and may not bind carbohydrates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.