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GLIPR2 Rabbit pAb

Catalog # AP97672

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9H4G4
Other Accession	Q9H4G4
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17218
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GLIPR2
Epitope Specificity	51-154/154
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the CRISP family.
SUBUNIT	Homodimer. Interacts with CAV1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Cysteine-rich secretory proteins (CRISPs) represent a family of evolutionarily conserved proteins that may play a role in the innate immune system and are transcriptionally regulated by androgens in several tissues. GAPR-1 (Golgi-associated plant pathogenesis-related protein 1), also known as GLIPR2, is a 154 amino acid lipid anchor protein belonging to the CRISP family. GAPR-1 also shares similarity with the pathogenesis-related protein (PR) superfamily, and may play an important role in the immune system. Existing as a homodimer, GAPR-1 is highly expressed in lung and peripheral leukocytes with minor expression in liver and kidney. Containing a conserved sperm-coating protein (SCP) domain, GAPR-1 binds to negatively charged lipids and may be involved in the differentiation of epithelial cells into mesenchymal cells. Increased expression of GAPR-1 in kidney may contribute to the development of fibrosis.

Additional Information

Gene ID	152007
Other Names	C9orf19; GAPR-1; GAPR1; gliPR 2; 5730414A08Rik; GAPR1_HUMAN; GLIPR2; Golgi-associated PR-1 protein; Glioma pathogenesis-related protein 2 (GliPR 2); GAPR1_MOUSE; GLI pathogenesis related 2; chromosome 9 open reading frame 19; GLI pathogenesis-related 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	GLIPR2
Synonyms	C9orf19, GAPR1
Cellular Location	Golgi apparatus membrane; Lipid-anchor. Note=Binds lipid-enriched microdomains of Golgi membranes not only by ionic interactions but also through the myristate
Tissue Location	Highest expression in lung and peripheral leukocytes, and minor expression in liver and kidney

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