

GLIPR1L2 Antibody

Catalog # ASC11745

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q4G1C9
Other Accession	NP_001257325 , 394025727
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	40179
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	GLIPR1L2 antibody can be used for detection of GLIPR1L2 by Western blot at 1 - 2 μ g/ml. Antibody can also be used for Immunohistochemistry starting at 5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Additional Information

Gene ID	144321
Other Names	GLIPR1-like protein 2, GLIPR1L2
Target/Specificity	GLIPR1L2; GLIPR1L2 antibody is human specific. At least two isoforms of GLIPR1L2 are known to exist; this antibody will detect both isoforms. This antibody is predicted to not cross-react with other GLIPR or GLIPR-like proteins.
Reconstitution & Storage	GLIPR1L2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Precautions	GLIPR1L2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GLIPR1L2
Cellular Location	Membrane; Single-pass membrane protein
Tissue Location	Highly expressed in testis. Detected in prostate, kidney, bladder, lung and bone marrow.

Background

The GLIPR1-like 2 protein (GLIPR1L2) gene is part of a p53 target gene cluster that includes the related proteins GLIPR1 and GLIPR1L2 (2). GLIPR1L2 is similar to both the pathogenesis-related protein (PR) superfamily and the cysteine-rich secretory protein (CRISP) family (1). GLIPR1 is a tumor suppressor whose expression is regulated by p53 (3). Deletions of the GLIPR1/GLIPR1L1/GLIPR1L2 gene cluster have been observed in some multiple myeloma samples, suggesting that these proteins may also be involved in the pathogenesis of multiple myeloma (4).

References

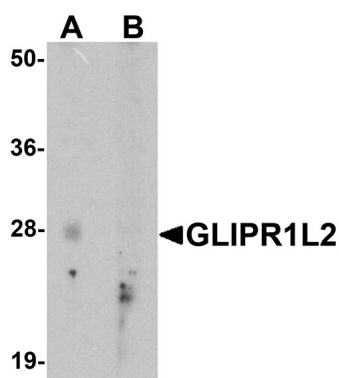
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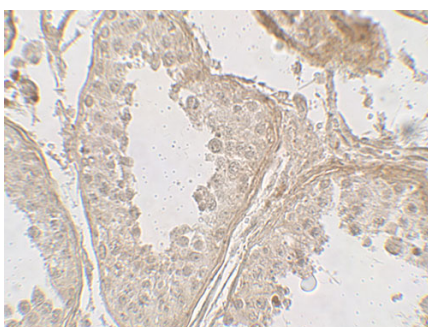
Ren C, Li L, Yang G, et al. RTVP-1, a tumor suppressor inactivated by methylation in prostate cancer. *Cancer Res.* 2004; 64:969-76.

Tam M, Lin P, Hu P, et al. Examining hedgehog pathway genes GLI3, SHH, and PTCH1 and the p53 target GLIPR1/GLIPR1L1/GLIPR1L2 gene cluster using fluorescence in situ hybridization uncovers GLIPR1/GLIPR1L1/GLIPR1L2 deletion in 9% of patients with multiple myeloma. *J. Assoc. Genet. Technol.* 2010; 36:111-4.

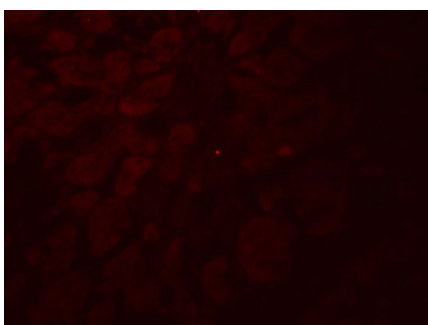
Images



Western blot analysis of GLIPR1L2 in human testis tissue lysate with GLIPR1L2 antibody at 1 $\mu\text{g}/\text{ml}$ in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of GLIPR1L2 in human testis tissue with GLIPR1L2 antibody at 5 $\mu\text{g}/\text{mL}$.



Immunofluorescence of GLIPR1L2 in human testis tissue with GLIPR1L2 antibody at 20 $\mu\text{g}/\text{mL}$.

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