

GLIPR1L2 Antibody
Catalog # ASC11745**Specification**

GLIPR1L2 Antibody - Product Information

Application	WB, IHC, IF
Primary Accession	O4G1C9
Other Accession	NP_001257325 , 394025727
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	Predicted: 28, 31, 38 kDa

Application Notes	Observed: 28 kDa KDa GLIPR1L2 antibody can be used for detection of GLIPR1L2 by Western blot at 1 - 2 µg/ml. Antibody can also be used for Immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.
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GLIPR1L2 Antibody - Additional InformationGene ID **144321****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.

GLIPR1L2 Antibody - Protein Information

Name GLIPR1L2

Cellular Location

Membrane; Single-pass membrane protein

Tissue Location

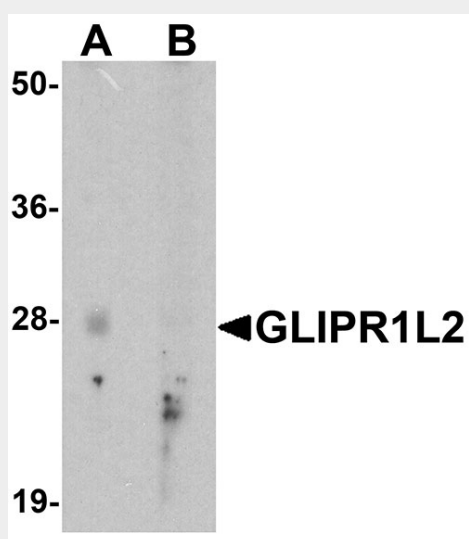
Highly expressed in testis. Detected in prostate, kidney, bladder, lung and bone marrow.

GLIPR1L2 Antibody - Protocols

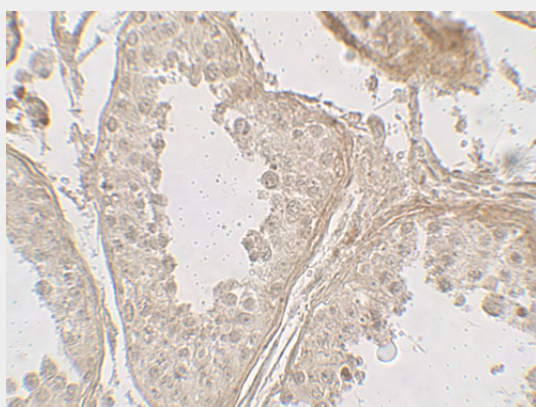
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

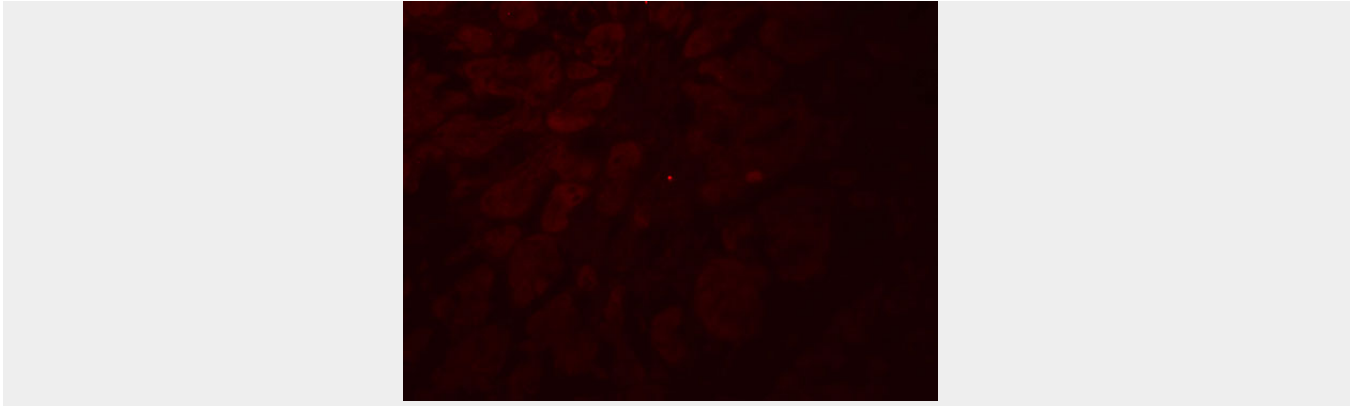
GLIPR1L2 Antibody - Images



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



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



Immunofluorescence of GLIPR1L2 in human testis tissue with GLIPR1L2 antibody at 20 µg/mL.

GLIPR1L2 Antibody - 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).

GLIPR1L2 Antibody - References

- Ren C, Ren CH, Li L, et al. Identification and characterization of RTVP1/GLIPR1-like genes, a novel p53 target gene cluster. *Genomics* 2006; 88:163-72.
- Murphy EV, Zhang Y, Zhu W, et al. The human glioma pathogenesis-related protein is structurally related to pathogenesis-related proteins and its gene is expressed specifically in brain tumors. *Gene* 1995; 159:131-5.
- 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.