

GLIPR1L2 Antibody

Catalog # ASC11745

Specification

GLIPR1L2 Antibody - Product Information

Application WB, IHC, IF **Primary Accession Q4G1C9**

NP <u>001257325</u>, <u>394025727</u> Other Accession

Reactivity Human Host Rabbit Clonality **Polyclonal** laG

Isotype

Calculated MW Predicted: 28, 31, 38 kDa

Observed: 28 kDa KDa

Application Notes 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.

GLIPR1L2 Antibody - Additional Information

144321 Gene ID

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.

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.

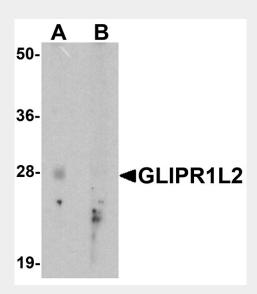


GLIPR1L2 Antibody - Protocols

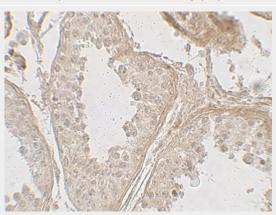
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

GLIPR1L2 Antibody - Images



Western blot analysis of GLIPR1L2 in human testis tissue lysate with GLIPR1L2 antibody at 1 μ 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 μ 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/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 hibridization uncovers GLIPR1/GLIPR1L1/GLIPR1L2 deletion in 9% of patients with multiple myeloma. J. Assoc. Genet. Technol. 2010; 36:111-4.