

Rabbit GLIPR2 Polyclonal Antibody | anti-GLIPR2 antibody

Anti-GLIPR2 Antibody Picoband

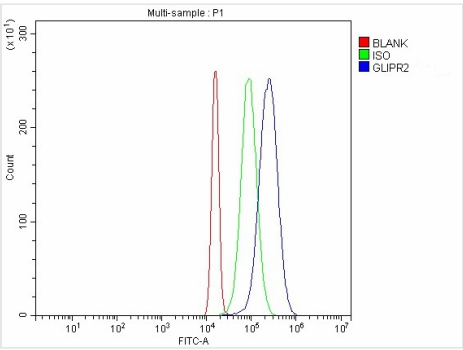
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19941	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GLIPR2; Polyclonal Antibody; Anti-GLIPR2 Antibody Picoband; anti-GLIPR2 antibody

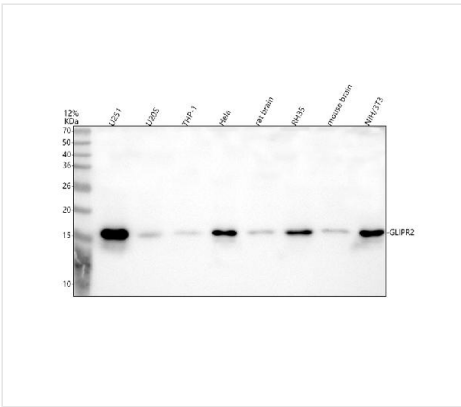
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-GLIPR2 antibody	ELISA, FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	WB: 0.25-0.5ug/ml, Human, Mouse, Rat IHC: 2-5ug/ml, Human, Rat IP: 0.5-2ug/ml, Human FC/FACS (Fixed): 1-3ug /1x10 ⁶ cells, Human ELISA: 0.1-0.5ug/ml
Immunogen	E coli-derived human GLIPR2 recombinant protein (Position: M1-K154). Human GLIPR2 shares 93.5% amino acid (aa) sequence identity with mouse GLIPR2.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



IP (Immunoprecipitation)

Figure 7. Immunoprecipitating GLIPR2 in U251 whole cell lysate .Western blot analysis of GLIPR2 using anti-GLIPR2 antibody (AAA19941).Lane 1: U251 whole cell lysates (30ug)Lane 2: Rabbit control IgG instead of anti-GLIPR2 antibody in U251 whole cell lysate.Lane 3: anti-GLIPR2 antibody (2ug) + U251 whole cell lysate (500ug)After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-GLIPR2 antigen affinity purified polyclonal antibody (AAA19941) at a dilution of 0.5ug/mL and probed with a goat anti-rabbit IgG-HRP secondary antibody (cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-GLIPR2 Antibody (AAA19941, 1ug/1x106 cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1ug/1x106) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



IHC (Immunohistochemistry)

Figure 5. IHC analysis of GLIPR2 using anti-GLIPR2 antibody (AAA19941).GLIPR2 was detected in a paraffin-embedded section of rat spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-GLIPR2 Antibody (AAA19941) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-GLIPR2 Antibody (AAA19941) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-GLIPR2 Antibody (AAA19941) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-GLIPR2 Antibody (AAA19941) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Lane 2: human U20S whole cell lysates,Lane 3: human THP-1 whole cell lysates,Lane 4: human HeLa whole cell lysates,Lane 5: rat brain tissue lysates,Lane 6: rat RH35 whole cell lysates,Lane 8: mouse brain tissue lysates,Lane 9: mouse NIH/3T3 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-GLIPR2 antigen affinity purified polyclonal antibody (#AAA19941) at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for GLIPR2 at approximately 17 kDa. The expected band size for GLIPR2 is at 17 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-GLIPR2 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-GLIPR2 antibody	Primary Antibodies
References	1. Eisenberg, I., Barash, M., Kahan, T., Mitrani-Rosenbaum, S. Cloning and characterization of a human novel gene C9orf19 encoding a conserved putative protein with an SCP-like extracellular protein domain. Gene 293: 1451-148, 2002.2. Shoji-Kawata, S., Sumpter, R., Jr., Leveno, M., Campbell, G. R., Zou, Z., Kinch, L., Wilkins, A. D., Sun, Q., Pallauf, K., MacDuff, D., Huerta, C., Virgin, H. W., and 12 others. Identification of a candidate therapeutic autophagy-inducing peptide. Nature 494: 201-206, 2013.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11641247
NCBI GeneID	152007
NCBI Accession #	NP_071738.1
NCBI GenBank Nucleotide #	NM_022343.3
UniProt Accession #	Q9H4G4; Q5VZR1; Q8N2S6; Q8WWC9; Q8WX36
Molecular Weight	17,218 Da
NCBI Official Full Name	Golgi-associated plant pathogenesis-related protein 1 isoform a
NCBI Official Synonym Full Names	GLI pathogenesis-related 2
NCBI Official Symbol	GLIPR2
NCBI Official Synonym Symbols	GAPR1; GAPR-1; C9orf19
NCBI Protein Information	Golgi-associated plant pathogenesis-related protein 1; 17kD fetal brain protein; gliPR 2; glioma pathogenesis-related protein 2; golgi-associated PR-1 protein
UniProt Protein Name	Golgi-associated plant pathogenesis-related protein 1
UniProt Gene Name	GLIPR2
UniProt Synonym Gene Names	C9orf19; GAPR1; GAPR-1; Golgi-associated PR-1 protein; GliPR 2
UniProt Entry Name	GAPR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/glipr2-antibody-flow-cytometry-immunoprecipitation-immunohistochemistry-western-blot-elisa/19941>