

Rabbit anti-Human GLIPR1 Polyclonal Antibody | anti-GLIPR1 antibody

Anti-GLIPR1 Antibody, Rabbit Polyclonal

CATALOG # AAA256119	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

GLIPR1; Polyclonal Antibody; Anti-GLIPR1 Antibody; Rabbit Polyclonal; GLIPR1 Antibody; Rabbit PAb; Antigen Affinity Purified; GLI pathogenesis-related 1; Anti-CRISP7 Antibody; Anti-GLIPR Antibody; Anti-RTVP1 Antibody; anti-GLIPR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GLIPR1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-GLIPR1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human GLIPR1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human GLIPR1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human GLIPR1 in human pancreas with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human GLIPR1 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-GLIPR1 antibody	Glioma pathogenesis-related protein 1, also known as Protein RTVP-1, GLIPR1 and GLIPR, is a single-pass membrane protein which belongs to theCRISP family. GLIPR1/RTVP-1 was expressed in high levels in glioblastomas, whereas its expression in low-grade astrocytomas and normal brains was very low. Transfection of glioma cells with small interfering RNAs targeting GLIPR1/RTVP-1 decreased cell proliferation in all the cell lines examined and induced cell apoptosis in some of them. Overexpression of GLIPR1/RTVP-1 increased astrocyte and glioma cell proliferation and the anchorage-independent growth of the cells. In addition, overexpression of GLIPR1/RTVP-1 rendered glioma cells more resistant to the apoptotic effect of tumor necrosis factor-related apoptosis-inducing ligand and serum deprivation. GLIPR1/RTVP-1 regulated the invasion of glioma cells was evident by their enhanced migration through Matrigel and by their increased invasion in a spheroid confrontation assay. The increased invasive potential of the GLIPR1/RTVP-1 overexpressors was also shown by the increased activity of matrix metalloproteinase 2 in these cells. The expression of GLIPR1/RTVP-1 is correlated with the degree of malignancy of astrocytic tumors and that GLIPR1/RTVP-1 is involved in the regulation of the growth, survival, and invasion of glioma cells. GLIPR1/RTVP-1 is a potential therapeutic target in gliomas.
References	Murphy E.V., et al., 1995, Gene. 159:131-5. Rich T., et al., 1996, Gene. 180:125-30. Rosenzweig, T. et al., 2006, Cancer Res. 66 (8):4139-48.

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://stage.aaabiotech.com/polyclonal/glipr1-antibody-immunohistochemistry-elisa/256119>