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Datasheet for 600-401-BL4

GLIPR1 Antibody

Overview

Description:	Anti-GLIPR1 (RABBIT) Antibody - 600-401-BL4
Item No.:	600-401-BL4
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	The glioma pathogenesis-related protein 1 (GLIPR1) 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; its increased expression is associated with myelomocytic differentiation in macrophages, whereas decreased expression of this gene through gene methylation is associated with prostate cancer (2). The GLIPR1 gene is part of a p53 target gene cluster that includes GLIPR1L1 and GLIPR1L2, two highly homologous proteins whose expression patterns vary (3).
Synonyms:	GLIPR1 Antibody, GLIPR, RTVP1, CRISP7, GLIPR, Glioma pathogenesis-related protein 1, Protein RTVP-1, GliPR 1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	GLIPR1
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-GLIPR1 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid peptide near the internal region of human GLIPR1.

Purity/Specificity:	Anti-GLIPR1 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. GLIPR1 antibody is human and mouse reactive. At least two isoforms of GLIPR1 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.
Relevant Links:	• UniProtKB - P48060 • GeneID - 11010 • NCBI - NP_006842

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-GLIPR1 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 30 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IHC:	5 µg/mL
WB:	1-2 µg/mL

Formulation

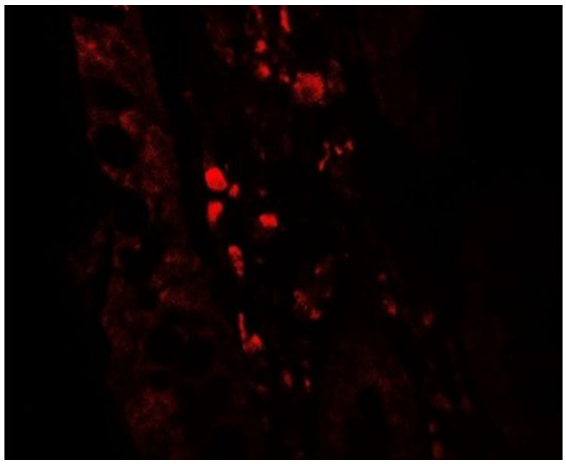
Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

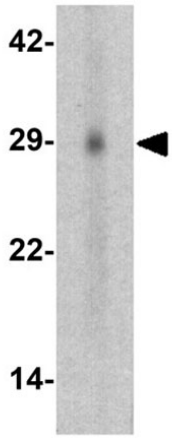
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Immunofluorescence Microscopy
Immunofluorescence of GLIPR1.
Tissue: human small intestine tissue.
Primary Antibody: GLIPR1 antibody at 5 µg/mL.



Western Blot
Western blot of GLIPR1.
Load: human small intestine tissue lysate.
Primary Antibody: GLIPR1 antibody at 1 µg/ml.

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