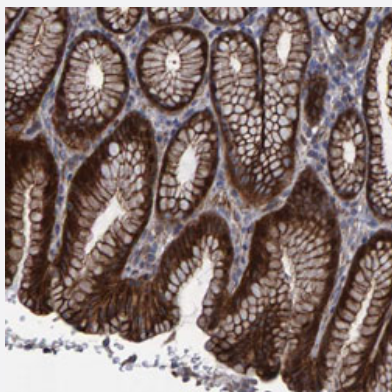


SLIT2 polyclonal antibody

Catalog # PAB30933 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human stomach with SLIT2 polyclonal antibody (Cat # PAB30933) shows strong cytoplasmic and membranous positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human SLIT2.
Immunogen	Recombinant protein corresponding to human SLIT2.
Sequence	LYINSELQDFQKVPMQTGILPGCEPCHKKVCAHGTGCPSSQAGFTCECQEGWMGPLCDQRTND PCLGNKCVHGTCLPINAFSYSCKCLE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — SLIT2

Entrez GeneID[9353](#)**Protein Accession#**[O94813](#)**Gene Name**

SLIT2

Gene Alias

FLJ14420, SLIL3, Slit-2

Gene Description

slit homolog 2 (Drosophila)

Omim ID[603746](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

slit homolog 2

Publication Reference

- [Loss of expression and promoter methylation of SLIT2 are associated with sessile serrated adenoma formation.](#)

Beggs AD, Jones A, Shepherd N, Arnaout A, Finlayson C, Abulafi AM, Morton DG, Matthews GM, Hodgson SV, Tomlinson IP. PLoS Pathogens 2013 May; 9(5):e1003488.

Application: IHC-P, Human, Colonic adenoma, Normal colonic mucosa, Serrated adenoma tissues

- [Angiocrine factors modulate tumor proliferation and motility through EphA2 repression of Slit2 tumor suppressor function in endothelium.](#)

Brantley-Sieders DM, Dunaway CM, Rao M, Short S, Hwang Y, Gao Y, Li D, Jiang A, Shyr Y, Wu JY, Chen J.

Cancer Research 2011 Feb; 71(3):976.

Application: IHC, Human, Breast cancer

- [The neuronal repellent SLIT2 is a target for repression by EZH2 in prostate cancer.](#)

Yu J, Cao Q, Yu J, Wu L, Dallol A, Li J, Chen G, Grasso C, Cao X, Lonigro RJ, Varambally S, Mehra R, Palanisamy N, Wu JY, Latif F, Chinnaiyan AM.

Oncogene 2010 Sep; 29(39):5370.

Application: IHC-P, WB-Tr, Human, H16N2 cells, HEK 293 cells, Human prostate cancer, Human tissue microarray, LNCaP cells, RWPE cells

Pathway

- [Axon guidance](#)

Disease

- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)
- [Vesico-Ureteral Reflux](#)