

Rabbit anti-Human, mouse GPC5 Polyclonal Antibody | anti-GPC5 antibody

GPC5 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287036	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

GPC5; Polyclonal Antibody; GPC5 Antibody (N-term); Glypican-5; Secreted glypican-5; anti-GPC5 antibody

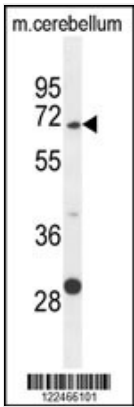
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This GPC5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-84 amino acids from the N-terminal region of human GPC5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	56-84
Sequence Length	572
Applicable Applications for anti-GPC5 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Cellular location	Cell membrane; Lipid-anchor. GPI- anchor; Extracellular side.
Tissue location	In adult, primarily expressed in the brain. Also detected in fetal brain, lung and liver.
Antigen Region	56-84
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
GPC5 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GPC5 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GPC5 Antibody (N-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the GPC5 antibody detected the GPC5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GPC5 antibody	Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. [provided by RefSeq].
Product Categories/Family for anti-GPC5 antibody	Signal Transduction
References	Lorentzen, A.R., et al. J. Neuroimmunol. 226 (1-2), 194-197 (2010) : Landi, M.T., et al. Lancet Oncol. 11(8):714-716(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Li, Y., et al. Lancet Oncol. 11(4):321-330(2010) Arking, D.E., et al. PLoS ONE 5 (3), E9879 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758464
NCBI GeneID	2262
NCBI Accession #	NP_004457.1
NCBI GenBank Nucleotide #	NM_004466.5
UniProt Accession #	P78333; O60436; Q9BX27; B2R726
Molecular Weight	63707
NCBI Official Full Name	glypican-5
NCBI Official Synonym Full Names	glypican 5
NCBI Official Symbol	GPC5
NCBI Protein Information	glypican-5
UniProt Protein Name	Glypican-5

UniProt Gene Name	GPC5
UniProt Entry Name	GPC5_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://stage.aaabiotech.com/polyclonal/gpc5-antibody-immunohistochemistry-western-blot-elisa/287036>