Datasheet for ABIN2789855

anti-GPC4 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	GPC4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human GPC4
Sequence:	EYQQCPSEFD YNATDHAGKS ANEKADSAGV RPGAQAYLLT VFCILFLVMQ
Predicted Reactivity:	Cow: 79%, Guinea Pig: 93%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against GPC4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GPC4
Alternative Name:	GPC4 (GPC4 Products)
Background:	Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein

Target Details

	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. The GPC4 gene is adjacent to the 3' end of GPC3 and may also play a role in Simpson-Golabi-Behmel syndrome. Alias Symbols: K-glypican Protein Size: 486
Molecular Weight:	53 kDa
Gene ID:	2239
NCBI Accession:	NM_001448, NP_001439
UniProt:	B4E2C0
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Restrictions:	For Research Use only

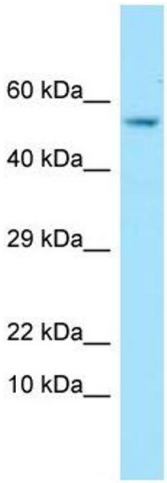
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Walshe, Harkin: "Serial explant culture provides novel insights into the potential location and phenotype of corneal endothelial progenitor cells." in: **Experimental eye research**, Vol. 127, pp. 9-13, (2014) (PubMed).

Images



Western Blotting

Image 1.