

Datasheet for ABIN389289
anti-GPC4 antibody (AA 395-422)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	GPC4
Binding Specificity:	AA 395-422
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GPC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 395-422 amino acids from the Central region of human GPC4.
Clone:	RB15045
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

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.

Molecular Weight: 62412

Gene ID: 2239

NCBI Accession: [NP_001439](#)

UniProt: [O75487](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB: 1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

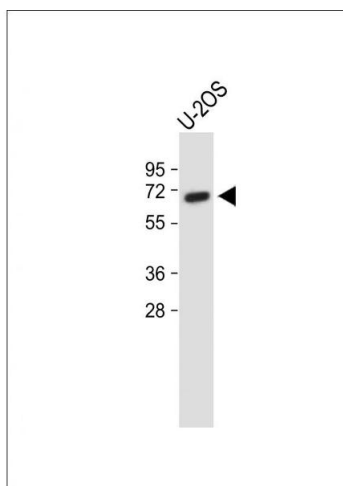
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Anti-GPC4 Antibody (Center) at 1:500 dilution + U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 62 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.