

Datasheet for ABIN2789435
anti-GP5 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GP5
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	PNSSEPWWVA QPVTGKGQD HSPFWGFYFL LLAVQAMITV IIVFAMIKIG
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against GP5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GP5
Alternative Name:	GP5 (GP5 Products)
Background:	Human platelet glycoprotein V (GP5) is a part of the Ib-V-IX system of surface glycoproteins that constitute the receptor for von Willebrand factor and mediate the adhesion of platelets to

Target Details

injured vascular surfaces in the arterial circulation, a critical initiating event in hemostasis. The main portion of the receptor is a heterodimer composed of 2 polypeptide chains, an alpha chain and a beta chain, that are linked by disulfide bonds. The complete receptor complex includes noncovalent association of the alpha and beta subunits with platelet glycoprotein IX and GP5. Mutations in GP1BA, GP1BB, and GP9 have been shown to cause Bernard-Soulier syndrome, a bleeding disorder.

Alias Symbols: CD42d

Protein Interaction Partner: YWHAZ, GP1BA, F2,

Protein Size: 560

Molecular Weight: 62 kDa

Gene ID: 2814

NCBI Accession: [NM_004488](#), [NP_004479](#)

UniProt: [P40197](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 560 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

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 repeated 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.

Images

