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GP9 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17797b

Specification

GP9 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P14770
Other Accession	NP_000165.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**19046**
Antigen Region	**106-134**

GP9 Antibody (C-term) - Additional Information

Gene ID 2815

Other Names
Platelet glycoprotein IX, GP-IX, GPIX, Glycoprotein 9, CD42a, GP9

Target/Specificity
This GP9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-134 amino acids from the C-terminal region of human GP9.

Dilution
WB~~1:1000

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.

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.

Precautions
GP9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GP9 Antibody (C-term) - Protein Information

Name GP9

Function The GPIb-V-IX complex functions as the vWF receptor and mediates vWF-dependent platelet adhesion to blood vessels. The adhesion of platelets to injured vascular surfaces in the

arterial circulation is a critical initiating event in hemostasis. GP-IX may provide for membrane insertion and orientation of GP-Ib.

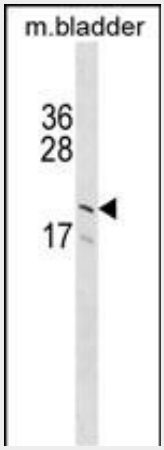
Cellular Location
Membrane; Single-pass type I membrane protein.

GP9 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GP9 Antibody (C-term) - Images



GP9 Antibody (C-term) (Cat. #AP17797b) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the GP9 antibody detected the GP9 protein (arrow).

GP9 Antibody (C-term) - Background

This gene encodes a small membrane glycoprotein found on the surface of human platelets. It forms a 1-to-1 noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein complex that functions as a receptor for von Willebrand factor. The complete receptor complex includes noncovalent association of the alpha and beta subunits with the protein encoded by this gene and platelet glycoprotein V. Defects in this gene are a cause of Bernard-Soulier syndrome, also known as giant platelet disease. These patients have unusually large platelets and have a clinical bleeding tendency. [provided by RefSeq].

GP9 Antibody (C-term) - References

Munday, A.D., et al. J. Thromb. Haemost. 8(1):163-172(2010)
Mo, X., et al. J. Thromb. Haemost. 7(9):1533-1540(2009)
Mangin, P.H., et al. J. Thromb. Haemost. 7(9):1550-1555(2009)
Strassel, C., et al. Haematologica 94(6):800-810(2009)
Zieger, B., et al. Hamostaseologie 29(2):161-167(2009)