

Rabbit anti-Human, mouse GP9 Polyclonal Antibody | anti-GP9 antibody

GP9 Antibody (C-term)

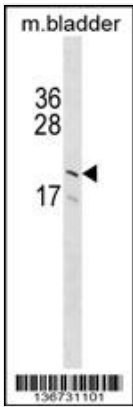
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286110	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

GP9; Polyclonal Antibody; GP9 Antibody (C-term); Platelet glycoprotein IX; GP-IX; GPIX; Glycoprotein 9; CD42a; anti-GP9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
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	106-134
Sequence Length	177
Applicable Applications for anti-GP9 antibody	ELISA, WB (Western Blot)
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
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



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

ADDITIONAL INFORMATION

Related Product Information for anti-GP9 antibody	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].
Product Categories/Family for anti-GP9 antibody	Immunology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504077
NCBI GeneID	2815
NCBI Accession #	NP_000165.1
NCBI GenBank Nucleotide #	NM_000174.4
UniProt Accession #	P14770; Q14445; Q8N1D1; Q92525
Molecular Weight	19046
NCBI Official Full Name	platelet glycoprotein IX
NCBI Official Synonym Full Names	glycoprotein IX (platelet)
NCBI Official Symbol	GP9
NCBI Official Synonym Symbols	GPIX; CD42a

NCBI Protein Information	platelet glycoprotein IX
UniProt Protein Name	Platelet glycoprotein IX
UniProt Gene Name	GP9
UniProt Synonym Gene Names	GP-IX; GPIX
UniProt Entry Name	GPIX_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/gp9-antibody-western-blot-elisa/286110>