10320 Camino Santa Fe, Suite G
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GP9 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17797b

Specification

GP9 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P14770

GP9 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2815

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GP9 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- Blocking Peptides

GP9 Antibody (C-term) Blocking Peptide - Images

GP9 Antibody (C-term) Blocking Peptide - Background

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This gene encodes a small membrane glycoprotein found onthe surface of human platelets. It forms a 1-to-1 noncovalentcomplex with glycoprotein Ib, a platelet surface membraneglycoprotein complex that functions as a receptor for vonWillebrand factor. The complete receptor complex includesnoncovalent association of the alpha and beta subunits with theprotein encoded by this gene and platelet glycoprotein V. Defectsin this gene are a cause of Bernard-Soulier syndrome, also known asgiant platelet disease. These patients have unusually largeplatelets and have a clinical bleeding tendency. [provided byRefSeq].

GP9 Antibody (C-term) Blocking Peptide - 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)