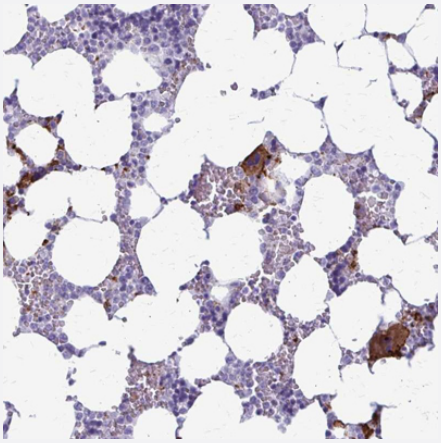
GP9 polyclonal antibody

Catalog # PAB30303 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bone marrow with GP9 polyclonal antibody (Cat # PAB30303) shows strong cytoplasmic positivity in megakaryocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human GP9.
Immunogen	Recombinant protein corresponding to amino acids 41-91 of human GP9.
Sequence	HGLTALPALPARTRHLLLANNSLQSVPPGAFDHLPQLQTLDVTQNPWHCDC
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200 - 1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — GP9

Entrez GeneID	2815
Protein Accession#	P14770
Gene Name	GP9
Gene Alias	CD42a, GPIX
Gene Description	glycoprotein IX (platelet)
Omim ID	173515 231200
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a small membrane glycoprotein found on the surface of human platelets. It for ms a 1-to-1 noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein c omplex that functions as a receptor for von Willebrand factor. The complete receptor complex incl udes noncovalent association of the alpha and beta subunits with the protein encoded by this gen e 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
Other Designations	platelet glycoprotein IX

Pathway

- ECM-receptor interaction
- Hematopoietic cell lineage

Disease

- Bernard-Soulier Syndrome
- Blood Platelet Disorders
- Brain Ischemia
- Genetic Predisposition to Disease
- Graft Occlusion
- Kidney Failure
- Recurrence
- Stroke
- Thalassemia
- Thrombocytopenia
- Thrombosis
- von Willebrand Disease