

GPIX rabbit pAb

Cat No.:ES11372

For research use only

Overview

| Product Name | GPIX rabbit pAb |
|--------------------------|---|
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | WB 1:500-2000 ELISA 1:5000-20000 |
| Immunogen | Synthesized peptide derived from human protein . |
| | at AA range: Internal |
| Specificity | GPIX Polyclonal Antibody detects endogenous levels |
| | of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and |
| | 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Platelet glycoprotein IX (GP-IX) (GPIX) (Glycoprotein |
| | 9) (CD antigen CD42a) |
| Gene Name | GP9 |
| Cellular localization | Membrane; Single-pass type I membrane protein. |
| Purification | The antibody was affinity-purified from rabbit |
| | antiserum by affinity-chromatography using |
| | epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 19kD |
| Human Gene ID | 2815 |
| Human Swiss-Prot Number | P14770 |
| Alternative Names | |
| 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 lb, 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 |



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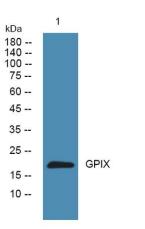
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platelet glycoprotein V. Defects in this gene are a cause of Bernard-Soulier syndrome, also known as giant platelet disease. These patients have unusually large platelets and have a clinical bleeding tendency. [provided by RefSeq, Oct 2008],

Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night





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