

Rabbit Integrin beta 3 Polyclonal Antibody | anti-ITGB3 antibody

Anti-Integrin beta 3 antibody

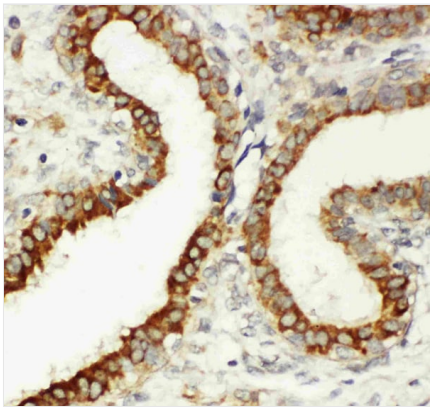
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45160	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

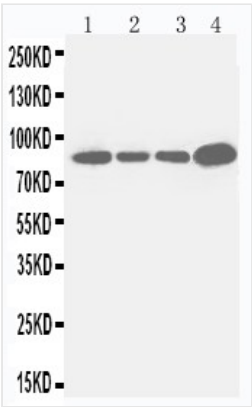
Integrin beta 3; Polyclonal Antibody; Anti-Integrin beta 3 antibody; Integrin beta-3; integrin; beta 3(platelet glycoprotein IIIa; antigen CD61); BDPLT2 antibody; CD 61 antibody; CD61 antibody; CD61 antigen antibody; GP3A antibody; GPIIIa antibody; GT antibody; HPA 1 antibody; HPA 4 antibody; Integrin beta 3(platelet glycoprotein IIIa antigen CD61) antibody; Integrin beta chain beta 3 antibody; Integrin beta-3 antibody; ITB3_HUMAN antibody; ITG B3 antibody; ITGB 3 antibody; ITGB3 antibody; NAIT antibody; Platelet fibrinogen receptor beta subunit antibody; Platelet glycoprotein IIIa antibody; platelet glycoprotein IIIa precursor antibody; Platelet membrane glycoprotein IIIa antibody; PTP antibody; anti-ITGB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	788
Applicable Applications for anti-ITGB3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Integrin beta 3 (752-770aa EFAKFEEERARAKWDTANN), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Anti-Integrin beta 3 antibody, AAA45160, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-Integrin beta 3 antibody, AAA45160, Western blottingLane 1: JURKAT Cell LysateLane 2: RAJI Cell LysateLane 3: CEM Cell LysateLane 4: COLO320 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB3 antibody	Description: Rabbit IgG polyclonal antibody for Integrin beta-3(ITGB3) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: ITGB3(INTEGRIN, BETA-3), also called GP3A, GPIIa, CD61, is a protein that in humans is encoded by the ITGB3 gene. GP3A is a cluster of differentiation found on thrombocytes. The ITGB3 complex belongs to the integrin class of cell adhesion molecule receptors that share a common heterodimeric structure with alpha and beta subunits. The GP3A gene is mapped to 17q21.32. And the GP3A gene has 14 exons. The 3-prime exon is larger than 1,700 nucleotides and contains the 3-prime untranslated region. The ITGB3 complex mediates platelet aggregation by acting as a receptor for fibrinogen. Although the ITGB3 is expressed on the cell surface at normal levels and is capable of function following extracellular stimulation, it could not be activated via the "inside-out" signaling pathways.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125987835
NCBI GeneID	3690
UniProt Accession #	P05106; O15495; Q12806; Q13413; Q14648; Q16499; A0PJW2; D3DXJ8
Molecular Weight	86,694 Da
NCBI Official Full Name	Integrin beta-3
NCBI Official Synonym Full Names	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)
NCBI Official Symbol	ITGB3
NCBI Official Synonym Symbols	GT; CD61; GP3A; BDPLT2; GPIIIa; BDPLT16
NCBI Protein Information	integrin beta-3; platelet membrane glycoprotein IIIa
UniProt Protein Name	Integrin beta-3
UniProt Gene Name	ITGB3
UniProt Synonym Gene Names	GP3A; GPIIIa
UniProt Entry Name	ITB3_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.