

Rabbit anti-Human, Mouse ITGB7 Polyclonal Antibody | anti-ITGB7 antibody

ITGB7 Polyclonal Antibody

CATALOG # AAA280215	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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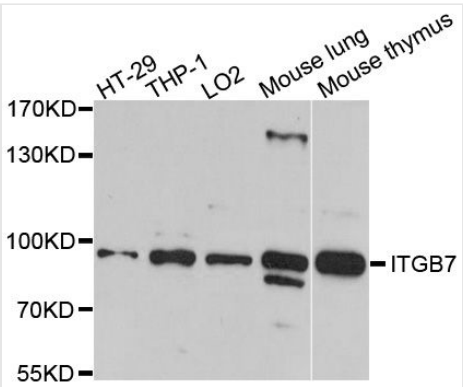
PRODUCT SYNONYMS

ITGB7; Polyclonal Antibody; ITGB7 Polyclonal Antibody; Integrin beta 7; integrin; beta 7; anti-ITGB7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	798
Applicable Applications for anti-ITGB7 antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human ITGB7 (NP_000880.1).
Category	Primary antibody
Preparation and Storage	Store at -20 degree C (regular). Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ITGB7 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB7 antibody	This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms dimers with an alpha4 chain or an alphaE chain and plays a role in leukocyte adhesion. Dimerization with alpha4 forms a homing receptor for migration of lymphocytes to the intestinal mucosa and Peyer's patches. Dimerization with alphaE permits binding to the ligand epithelial cadherin, a calcium-dependent adhesion molecule. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.
Product Categories/Family for anti-ITGB7 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	124973
NCBI GeneID	3695
UniProt Accession #	P26010; Q9UCP7; Q9UCS7
Molecular Weight	Observed MW: 87kDa Calculated MW: 71/86 kDa
NCBI Official Full Name	Integrin beta-7
NCBI Official Synonym Full Names	integrin, beta 7
NCBI Official Symbol	ITGB7
NCBI Protein Information	integrin beta-7; integrin beta 7 subunit; gut homing receptor beta subunit
UniProt Protein Name	Integrin beta-7
UniProt Gene Name	ITGB7
UniProt Entry Name	ITB7_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.