

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

ITGB7 Antibody

CATALOG # AAA231094	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

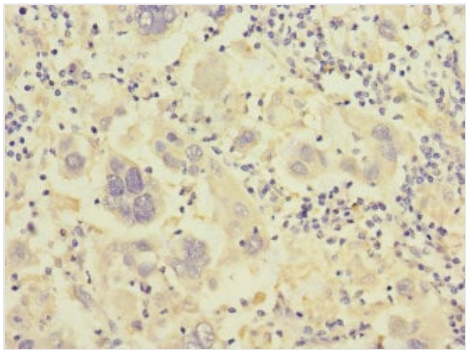
PRODUCT SYNONYMS

ITGB7; Polyclonal Antibody; ITGB7 Antibody; Integrin beta-7; Gut homing receptor beta subunit; anti-ITGB7 antibody

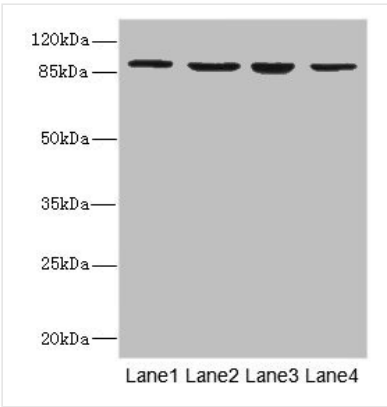
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	798
Applicable Applications for anti-ITGB7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Integrin beta-7 protein (N-140AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6634 / sc-6635 / sc-15330
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA231094 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: ITGB7 antibody at 5.04ug/mlLane 1: MCF7 whole cell lysateLane 2: HepG-2 whole cell lysateLane 3: A549 whole cell lysateLane 4: K562 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 87,72 kDaObserved band size: 87 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB7 antibody	Integrin alpha-4/beta-7 (Peyer patches-specific homing receptor LPAM-1) is an adhesion molecule that mediates lymphocyte migration and homing to gut-associated lymphoid tissue (GALT). Integrin alpha-4/beta-7 interacts with the cell surface adhesion molecules MADCAM1 which is normally expressed by the vascular endothelium of the gastrointestinal tract. Interacts also with VCAM1 and fibronectin, an extracellular matrix component. It recognizes one or more domains within the alternatively spliced CS-1 region of fibronectin. Interactions involves the tripeptide L-D-T in MADCAM1, and L-D-V in fibronectin. Binds to HIV-1 gp120, thereby allowing the virus to enter GALT, which is thought to be the major trigger of AIDS disease. Interaction would involve a tripeptide L-D-I in HIV-1 gp120. Integrin alpha-E/beta-7 (HML-1) is a receptor for E-cadherin.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504777
NCBI GeneID	3695
NCBI Accession #	NP_000880.1
NCBI GenBank Nucleotide #	NM_000889.2
UniProt Accession #	P26010; Q9UCP7; Q9UCS7
Molecular Weight	71,582 Da
NCBI Official Full Name	integrin beta-7
NCBI Official Synonym Full Names	integrin subunit beta 7
NCBI Official Symbol	ITGB7
NCBI Protein Information	integrin beta-7
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.