Rabbit anti-Human, Rat ITGB6 Polyclonal Antibody | anti-ITGB6 antibody

ITGB6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234407	**Rabbit**	**Human, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

ITGB6; Polyclonal Antibody; ITGB6 Antibody; Integrin beta-6; anti-ITGB6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	788
Applicable Applications for anti-ITGB6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Integrin beta-6 protein (451-586AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IF (Immunofluorescence)
Immunofluorescence staining of A549 cells with AAA234407 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C.The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG (H+L).

IHC (Immunohistochemisry)
IHC image of AAA234407 diluted at 1:400 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

IHC (Immunohiostchemistry)
IHC image of AAA234407 diluted at 1:400 and staining in paraffin-embedded human pancreatic cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

WB (Western Blot)
Western BlotPositive WB detected in: Rat lung tissueAll lanes: ITGB6 antibody at 6.12ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 86, 75 KDaObserved band size: 86 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB6 antibody	Integrin alpha-V/beta-6 is a receptor for fibronectin and cytotactin. It recognizes the sequence R-G-D in its ligands. Internalisation of integrin alpha-V/beta-6 via clathrin-mediated endocytosis promotes carcinoma cell invasion. ITGAV:ITGB6 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1 (PubMed:17158881).
Product Categories/Family for anti-ITGB6 antibody	Cancer; Cardiovascular; Microbiology; Signal transduction; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	9625002
NCBI GeneID	3694
NCBI Accession #	NP_000879.2
NCBI GenBank Nucleotide #	NM_000888.4
UniProt Accession #	P18564; Q0VA95; Q16500; Q53RG5; Q53RR6; B2R9W5; C9JA97
Molecular Weight	74,958 Da
NCBI Official Full Name	integrin beta-6 isoform a
NCBI Official Synonym Full Names	integrin subunit beta 6
NCBI Official Symbol	ITGB6
NCBI Official Synonym Symbols	AI1H
NCBI Protein Information	integrin beta-6
UniProt Protein Name	Integrin beta-6
UniProt Gene Name	**ITGB6**

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/itgb6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234407