

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

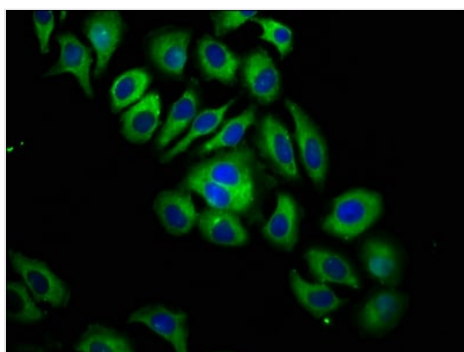
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

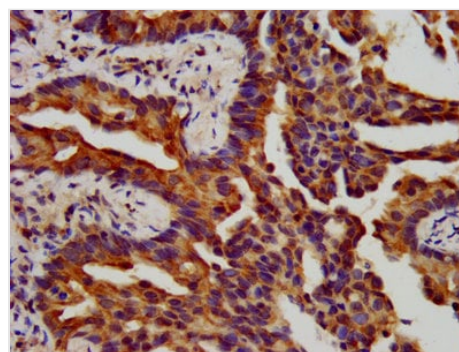
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	788
Applicable Applications for anti-ITGB6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human 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



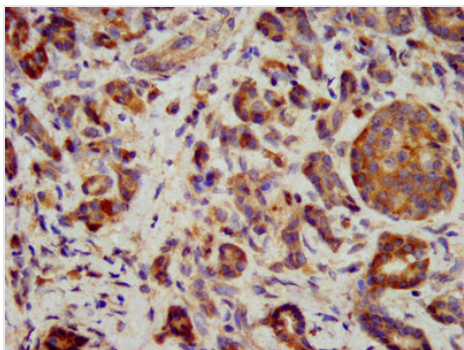
IF (Immunofluorescence)

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-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



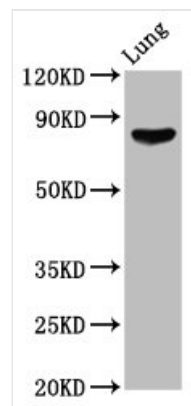
IHC (Immunohistochemistry)

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.



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WB (Western Blot)

Western Blot Positive WB detected in: Rat lung tissue
All lanes: ITGB6 antibody at 6.12ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 86, 75 KDa
Observed 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://www.aaabiotech.com/polyclonal/itgb6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234407>