

Rabbit anti-Human ITGA7 Polyclonal Antibody | anti-ITGA7 antibody

ITGA7 Antibody (C-term)

CATALOG # AAA288519	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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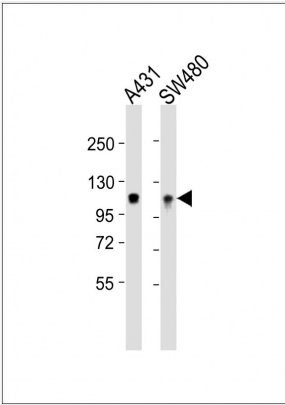
PRODUCT SYNONYMS

ITGA7; Polyclonal Antibody; ITGA7 Antibody (C-term); Integrin alpha-7; Integrin alpha-7 heavy chain; Integrin alpha-7 light chain; Integrin alpha-7 70 kDa form; anti-ITGA7 antibody

PRODUCT SPECIFICATIONS

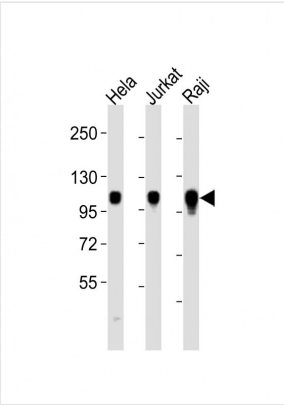
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ITGA7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1149-1181 amino acids from the C-terminal region of human ITGA7.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	1141
Applicable Applications for anti-ITGA7 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-ITGA7 Antibody (C-term) at 1:8000 dilutionLane 1: A431 whole cell lysatesLane 2: SW480 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 129 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

All lanes : Anti-ITGA7 Antibody (C-term) at 1:2000 dilutionLane 1: HeLa whole cell lysatesLane 2: Jurkat whole cell lysatesLane 3: Raji whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 129 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA7 antibody	Integrin alpha-7/beta-1 is the primary laminin receptor on skeletal myoblasts and adult myofibers. During myogenic differentiation, it may induce changes in the shape and mobility of myoblasts, and facilitate their localization at laminin-rich sites of secondary fiber formation. It is involved in the maintenance of the myofibers cytoarchitecture as well as for their anchorage, viability and functional integrity. Isoform Alpha-7X2B and isoform Alpha-7X1B promote myoblast migration on laminin 1 and laminin 2/4, but isoform Alpha-7X1B is less active on laminin 1 (In vitro). Acts as Schwann cell receptor for laminin-2. Acts as a receptor of COMP and mediates its effect on vascular smooth muscle cells (VSMCs) maturation (By similarity). Required to promote contractile phenotype acquisition in differentiated airway smooth muscle (ASM) cells.
Product Categories/Family for anti-ITGA7 antibody	Crown Antibodies
References	Leung E.,et al.Biochem. Biophys. Res. Commun. 243:317-325(1998). Hayashi Y.K.,et al.Nat. Genet. 19:94-97(1998). Vizirianakis I.S.,et al.Submitted (JUN-1998) to the EMBL/GenBank/DBJ databases. Vignier N.,et al.Biochem. Biophys. Res. Commun. 260:357-364(1999). Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	222418613
NCBI GeneID	3679
NCBI Accession #	NP_001138468.1
NCBI GenBank Nucleotide #	NM_001144996.1
UniProt Accession #	Q13683; O43197; Q86W93; Q9NY89; Q9UET0; Q9UEV2; B4E3U0; C9JMD3; C9JMZ6
Molecular Weight	128948
NCBI Official Full Name	integrin alpha-7 isoform 1
NCBI Official Synonym Full Names	integrin, alpha 7
NCBI Official Symbol	ITGA7
NCBI Protein Information	integrin alpha-7
UniProt Protein Name	Integrin alpha-7

UniProt Gene Name	ITGA7
UniProt Entry Name	ITA7_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/itga7-antibody-western-blot-elisa/288519>