

Rabbit anti-Human, Mouse ITGA8 Polyclonal Antibody | anti-ITGA8 antibody

ITGA8 Polyclonal Antibody

CATALOG # AAA176897	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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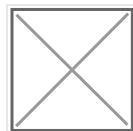
PRODUCT SYNONYMS

ITGA8; Polyclonal Antibody; ITGA8 Polyclonal Antibody; Integrin alpha 8; Integrin alpha-8 heavy chain; Integrin alpha-8 light chain; ITA8; ITGA 8; anti-ITGA8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Applicable Applications for anti-ITGA8 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human ITGA8
Note	Centrifuge before opening to ensure complete recovery of vial contents
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ITGA8 Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA8 antibody	Integrins are heterodimeric transmembrane receptor proteins that mediate numerous cellular processes including cell adhesion, cytoskeletal rearrangement, and activation of cell signaling pathways. Integrins are composed of alpha and beta subunits. This gene encodes the alpha 8 subunit of the heterodimeric integrin alpha8beta1 protein. The encoded protein is a single-pass type 1 membrane protein that contains multiple FG-GAP repeats. This repeat is predicted to fold into a beta propeller structure. This gene regulates the recruitment of mesenchymal cells into epithelial structures, mediates cell-cell interactions, and regulates neurite outgrowth of sensory and motor neurons. The integrin alpha8beta1 protein thus plays an important role in wound-healing and organogenesis. Mutations in this gene have been associated with renal hypodysplasia/aplasia-1 (RHDA1) and with several animal models of chronic kidney disease. Alternate splicing results in multiple transcript variants encoding distinct isoforms.
Product Categories/Family for anti-ITGA8 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	49170034
NCBI GeneID	8516
NCBI Accession #	NP_003629.1
NCBI GenBank Nucleotide #	NP_003629.1
UniProt Accession #	P53708
NCBI Official Full Name	integrin alpha-8
NCBI Official Synonym Full Names	integrin subunit alpha 8
NCBI Official Symbol	ITGA8
NCBI Protein Information	integrin alpha-8
UniProt Protein Name	Integrin alpha-8
UniProt Gene Name	ITGA8
UniProt Entry Name	ITA8_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/itga8-antibody-immunohistochemistry-elisa/176897>