

Rabbit ITGB4 Polyclonal Antibody | anti-ITGB4 antibody

ITGB4 Polyclonal Antibody

CATALOG # AAA176067	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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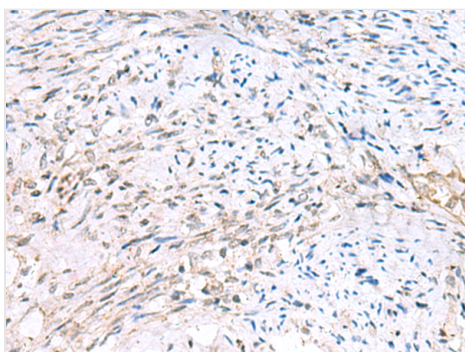
PRODUCT SYNONYMS

ITGB4; Polyclonal Antibody; ITGB4 Polyclonal Antibody; CD 104; CD104; CD104 antigen; Gp150; Integrin beta 4 subunit; Integrin beta-4; ITB4; ITG B4; ITGB 4; Itgb4; anti-ITGB4 antibody

PRODUCT SPECIFICATIONS

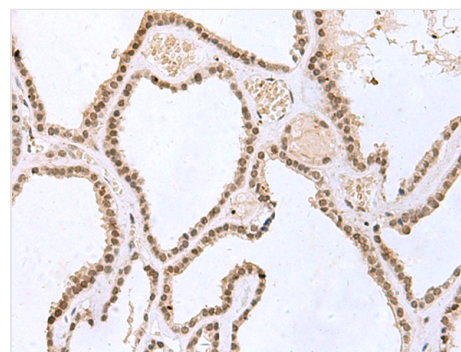
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.66mg/mL (varies by lot)
Sequence Length	1822
Applicable Applications for anti-ITGB4 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human ITGB4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ITGB4 Polyclonal Antibody at dilution of 1:25(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ITGB4 Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB4 antibody	Integrins are heterodimers comprised of alpha and beta subunits, that are noncovalently associated transmembrane glycoprotein receptors. Different combinations of alpha and beta polypeptides form complexes that vary in their ligand-binding specificities. Integrins mediate cell-matrix or cell-cell adhesion, and transduced signals that regulate gene expression and cell growth. This gene encodes the integrin beta 4 subunit, a receptor for the laminins. This subunit tends to associate with alpha 6 subunit and is likely to play a pivotal role in the biology of invasive carcinoma. Mutations in this gene are associated with epidermolysis bullosa with pyloric atresia. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.ITGB4 (Integrin Subunit Beta 4) is a Protein Coding gene. Diseases associated with ITGB4 include Epidermolysis Bullosa, Junctional, With Pyloric Stenosis and Epidermolysis Bullosa, Junctional, Non-Herlitz Type. Among its related pathways are GPCR Pathway and MAPK-Erk Pathway. GO annotations related to this gene include receptor activity and G-protein coupled receptor binding. An important paralog of this gene is ITGB1.
Product Categories/Family for anti-ITGB4 antibody	Cancer; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607035
NCBI GeneID	3691
NCBI Accession #	NP_000204.3
NCBI GenBank Nucleotide #	NP_000204.3
UniProt Accession #	P16144
NCBI Official Full Name	integrin beta-4 isoform 1
NCBI Official Synonym Full Names	integrin subunit beta 4
NCBI Official Symbol	ITGB4
NCBI Official Synonym Symbols	CD104; GP150
NCBI Protein Information	integrin beta-4
UniProt Protein Name	Integrin beta-4
UniProt Gene Name	ITGB4
UniProt Entry Name	ITB4_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/itgb4-antibody-immunohistochemistry-elisa/176067>