

ITGB6 Rabbit pAb

Catalog # AP53595

Product Information

Primary Accession	P18564
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	85936

Additional Information

Gene ID	3694
Other Names	Integrin beta-6, ITGB6
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

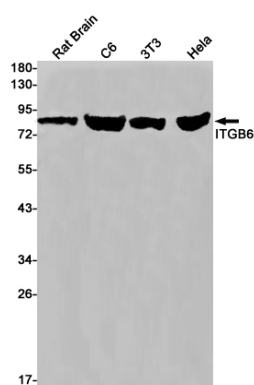
Name	ITGB6
Function	Integrin alpha-V:beta-6 (ITGAV:ITGB6) is a receptor for fibronectin and cytotactin (PubMed: 17158881 , PubMed: 17545607). It recognizes the sequence R-G-D in its ligands (PubMed: 17158881 , PubMed: 17545607). Internalization of integrin alpha-V/beta-6 via clathrin-mediated endocytosis promotes carcinoma cell invasion (PubMed: 17158881 , PubMed: 17545607). ITGAV:ITGB6 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1 (PubMed: 17158881). Integrin alpha-V:beta-6 (ITGAV:ITGB6) mediates R-G- D-dependent release of transforming growth factor beta-1 (TGF-beta-1) from regulatory Latency-associated peptide (LAP), thereby playing a key role in TGF-beta-1 activation (PubMed: 15184403 , PubMed: 22278742 , PubMed: 28117447).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell junction, focal adhesion

Background

Swiss-Prot Acc.P18564.Integrin alpha-V:beta-6 (ITGAV:ITGB6) is a receptor for fibronectin and cytotactin (PubMed:17545607, PubMed:17158881). It recognizes the sequence R-G-D in its ligands (PubMed:17545607, PubMed:17158881). Internalisation of integrin alpha-V/beta-6 via clathrin-mediated endocytosis promotes carcinoma cell invasion (PubMed:17545607, PubMed:17158881). ITGAV:ITGB6 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1 (PubMed:17158881). Integrin alpha-V:beta-6 (ITGAV:ITGB6) mediates R-G-D-dependent release of transforming growth factor beta-1

(TGF-beta-1) from regulatory Latency-associated peptide (LAP), thereby playing a key role in TGF-beta-1 activation (PubMed:15184403, PubMed:22278742, PubMed:28117447).

Images



Western blot detection of ITGB6 in Rat Brain,C6,3T3,HeLa cell lysates using ITGB6 Rabbit pAb(1:1000 diluted).Predicted band size:86kDa.Observed band size:86kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.