

ITGB6 Rabbit pAb
Catalog # AP53595**Specification**

ITGB6 Rabbit pAb - Product Information

Application	WB
Primary Accession	P18564
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	85936

ITGB6 Rabbit pAb - Additional Information**Gene ID** 3694**Other Names**

Integrin beta-6, ITGB6

Dilution

WB~~1:1000

ITGB6 Rabbit pAb - 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

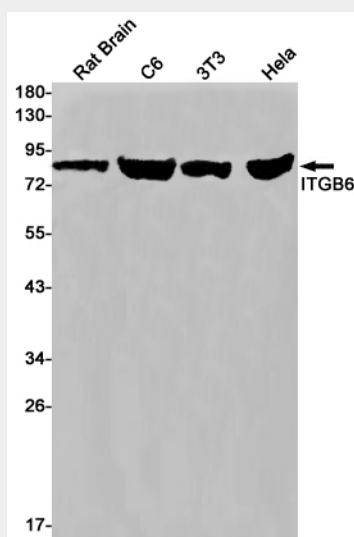
Cell membrane; Single-pass type I membrane protein. Cell junction, focal adhesion

ITGB6 Rabbit pAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ITGB6 Rabbit pAb - Images



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

ITGB6 Rabbit pAb - 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).