

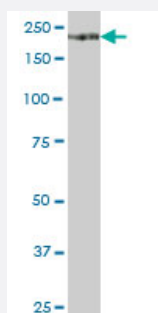
MaxPab®

ITGA1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003672-B01P

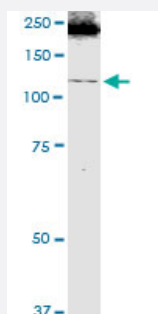
Size 50 ug

Applications



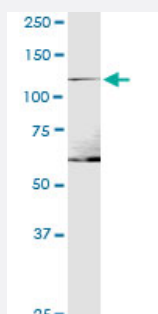
Western Blot (Tissue lysate)

ITGA1 MaxPab polyclonal antibody. Western Blot analysis of ITGA1 expression in human spleen.



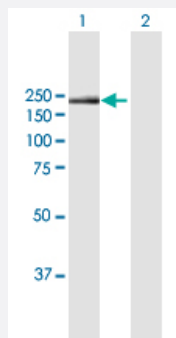
Western Blot (Tissue lysate)

ITGA1 MaxPab polyclonal antibody. Western Blot analysis of ITGA1 expression in human pancreas.



Western Blot (Cell lysate)

ITGA1 MaxPab polyclonal antibody. Western Blot analysis of ITGA1 expression in K-562.



Western Blot (Transfected lysate)

Western Blot analysis of ITGA1 expression in transfected 293T cell line ([H00003672-T01](#)) by ITGA1 MaxPab polyclonal antibody.

Lane 1: ITGA1 transfected lysate(129.69 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ITGA1 protein.

Immunogen

ITGA1 (ENSP00000282588, 1 a.a. ~ 1179 a.a) full-length human protein.

Sequence

MAPRPRARPGVAVACWLLTVVLRCCVSFNVVDVKNSMTFSGPVEDMFGYTVQQYENEEGKWV
LIGSPLVGQPKNRTGDVYKCPVGRGESLPCVKLDLPVNTSIPNVTEVKENMTFGSTLVTNPNGGF
LACGPLYAYRCGHLHYTTGICSDVSPTFQVVNSIAPVQECSTQLDVMVLDGSNSYPWDSVTAFLN
DLLERMDIGPKQTQVGIVQYGENVTHEFNLNKYSSTEEVLVAACKIVQRGGRQMTALGIDTARKE
AFTEARGARRGVKKVMVMTDGEDSHDNHRLKKVIQDCEDENIQRFSAIILGSYNRGNLSTEFVEEI
KSIASEPTEKHFFNVSDDELALVTIVKTLGERIFALEATADQSAASFEMEMSQTGFSAHYSQDWVM
LGAVGAYDWNQTVVMQKASQIIIPRNTTFNVESTKKNEPLASYLGYTVNSATASSGDVLYIAGQPRY
NHTGQVIYRMEDGNILQTLSGEQIGSYFGSILTTDIDKDSNTDILLVGAPMYMGTEKEEQGKVYV
YALNQTRFEYQMSLEPIKQTCSSRQHNSCTTENKNEPCGARFGTAIAAVKDLNLDGFNDIVIGAP
LEDDHGGAVYYHGSQKIRKEYAQRIPSGDGKTLKFFGQSIHGEMDLNGDGLTDVTIGGLGGAA
LFWSRDVAVVKVTMNFEPNKNVNIQKKKNCHMEGKETVCINATVCFDVKLKSKEDEADLQYRVT
LDSLRQISRSFFSGTQERKVQRNITVRKSECTKHSFYMLDKHDFQDSVRITLDFNLTDPENGPVLD
DSLPSNVHEIYIPFAKDCGNKEKCISDLSLHVATTEKDLLIVRSQNDKFNVS�TVKNTKDSAYNTRTI
VHYSPLNVFSGIEAIQKDSCESNHNITCKVGYPFLRRGEMVTFKILFQFNTSYLMENVTYLSATSDS
EPPETLSDNVVNISIPVKYEVGLQFYSSASEYHISIAANETVPEVINSTEDIGNEINIFYLIRKSGSFP
MPELKLSISFPNMTSNGYPVLYPTGLSSSENANCRPHIFEDPFSINSQKMTTSTDHLKRGITLDCN
TCKFATITCNLTSSDISQVNVSLILWKPTFIKSYFSSLNLTIRGELRSENASLVSSSNQKRELAIQISK
DGLPGRVPLWVILLSAFAGLLLLMLLILALWKIGFFKRPLKKKMEK

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ITGA1 MaxPab polyclonal antibody. Western Blot analysis of ITGA1 expression in human spleen.

[Protocol Download](#)

- Western Blot (Tissue lysate)

ITGA1 MaxPab polyclonal antibody. Western Blot analysis of ITGA1 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Cell lysate)

ITGA1 MaxPab polyclonal antibody. Western Blot analysis of ITGA1 expression in K-562.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ITGA1 expression in transfected 293T cell line ([H00003672-T01](#)) by ITGA1 MaxPab polyclonal antibody.

Lane 1: ITGA1 transfected lysate(129.69 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ITGA1

Entrez GeneID	3672
GeneBank Accession#	NM_181501
Protein Accession#	ENSP00000282588
Gene Name	ITGA1
Gene Alias	CD49a, VLA1
Gene Description	integrin, alpha 1
Omim ID	192968
Gene Ontology	Hyperlink

Gene Summary

This gene encodes the alpha 1 subunit of integrin receptors. This protein heterodimerizes with the beta 1 subunit to form a cell-surface receptor for collagen and laminin. The heterodimeric receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted (I) von Willebrand factor type I domain which is thought to be involved in collagen binding. [provided by RefSeq]

Other Designations

laminin and collagen receptor|very late activation protein 1

Publication Reference

- [Hsa_circ_0110757 upregulates ITGA1 to facilitate temozolomide resistance in glioma by suppressing hsa-miR-1298-5p.](#)

Haoyu Li, Qing Liu, Zihua Chen, Ming Wu, Chao Zhang, Jun Su, Yue Li, Chi Zhang.

Cell Death & Disease 2021 Mar; 12(3):252.

Application: WB-Tr, Human, U87 MG cells

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hematopoietic cell lineage](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fractures](#)

- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Osteoporosis](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tourette Syndrome](#)