

DNAxPAb

Hard-to-Find
Antibody

ITGA1 DNAxPab

Catalog # H00003672-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ITGA1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MAPRPRARPGVAVACCWLLTVVLRCCVSFNVDVKNSMTFSGPVEDMFGYTVQQYENEEGKWV
LIGSPLVGQPKNRTGDVYKCPVGRGESLPCVKLDLPVNTSIPNVTEVKENMTFGSTLVTNPNGGF
LACGPLYAYRCGHLHYTTGICSDVSPTFQVVNSIAPVQECSTQLDMVLDGSNSYPWDSVTAFLN
DLLERMDIGPKQTQVGIVQYGENVTHEFNLNKYSSTEEVLVAAKKVQRGGRQMTALTALGIDTARKE
AFTEARGARRGVKKVMVITDGESHDNHLKVKVIQDCEDENIQRFSAILGSYNRGNLSTEFVEEI
KSIASEPTEKHFFNVSDDELALVTIVKTLGERIFALEATADQSAASFEMEMSQTGFSAHYSQDWVM
LGAVGAYDWNGTVVMQKASQIIIPRNTTFNVESTKKNEPLASYLGYTVNSATASSGDVLYAGQPRY
NHTGQVIYRMEDGNIKILQTLSGEQIGSYFGSILTTDIDKDSNTDILLVGAPMYMGTEKEEQGKVYV
YALNQTRFEYQMSLEPIKQTCCSSRQHNSCTTENKNEPCGARFGTAIAAVKDLNLDGFNDVIGAP
LEDDHGGAVYYHGSCKTIRKEYAQRIPSGGDGKTLKFFGQSIHGEMDLNGDGLTDVTIGGLGGAA
LFWSRDVAVVKVTMNFEPNKVNIQKKKNCHMEGKETVCINATVCFDVKLKSKEDTIYADLQYRVT
LDSLRLQISRSFFSGTQERKVQRNITVRKSECTKHSFYMLDKHDFQDSVRITLDFNLTDPENGPVLD
DSLPSNVHEYIPFAKDCGNKEKCSIDLHLVATTEKDLLIVRSQNDKFNVS�TVKNTKDSAYNTRTI
VHYSPLVFSGIEAIQKDSCESNHNITCKVGYPFLRRGEMVTFKILFQFNSTYLMENVTIYLSATSDS
EPPETLSDNVVNISIPVKYEVGLQFYSSASEYHISIAANETVPEVINSTEDIGNEINIFYLIRKSGSFP
MPELKLISFPMNTSNGYPVLYPTGLSSSENANCRPHIFEDPFSINSKKMTTSTDHLKRGITLDCN
TCKFATITCNLTSSDISQVNVSLILWKPTFIKSYFSSLNLTIRGELRSENASLVLSNQNQKRELAIQISK
DGLPGRVPLWVILLSAFAGLLLLMLLILALWKIGFFKRPLKKKMEK

Host Rabbit

Reactivity Human

Purification Protein A

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 (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ITGA1

Entrez GeneID	3672
GeneBank Accession#	ENST00000282588
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

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](#)