

DNAxPAb

Hard-to-Find
Antibody

ITGA4 DNAxPab

Catalog # H00003676-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ITGA4 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MAWEARREPGPRRAAVRETVMLLCLGVPTGRPYNVDTESALLYQGPHNTLFGYSVVLHSHGAN
RWLLVGAPTANWLANASVINPGAIYRCRIGKNPGQTCEQLQLGSPNGEPCGKTCLEERDNQWLG
VTLSRQPGENGSIIVTCGHRWKNIFYIKNENKLP TG GCGYGVPPDLRTEL SKRIAPCYQDYVKKFGEN
FASCQAGISSFYTKDLVMGAPGSSYWTGSLFVYNITTNKYKAFLDKQNQVKFGSYLGYSVGAGHF
RSQHTTEVVGAPQHEQIGKAYIFSIDEKELNILEMHMKGKLGSYFGASVCAVDLNADGFSDLLVG
APMQSTIREEGRVFVYNSGSGAVMNAME TNLVGSDKYAARFGESVNLGDIDNDGFEDVAIGAPQ
EDDLQGAMYNGRADGISTFSQRIEGLQISKSLSMFGQSISGQIDADNNGYVDVAVGAFRSDSAV
LLRTRPVVVDASLSHPESVNRTKFDCVENGWPSVCIDLTLCSYKGKEVPGYMLFYNMSLDVNR
KAESPFRFYFSSNGTSDVITGSIQVSSREANCRTHQAFMRKDVRDILTPIQIEAAYHLGPHVISKRST
EEFPPLQPIQQKKEKDIMKKTINFARFCAHENC SADLQVSAKIGFLKPHENKTYLAVGSMKTLML
NVSLFNAGDDAYETTLHVKLPGVGLYFIKILELEEKQINCEVTDNSGVVQLDCSIGYYVDHL SRIDISF
LLDVSSLSRAEEDLSITVHATCENEEEMDNLKHSRVTAIPLKYEVKLT VHGFVNPTSFVYGSNDE
NEPETCMVEKMNLTFHVINTGNSMAPNVSV EIMVPNSFSPQTDKLFNILDVQTTTGECHFENYQR
VCALEQQKSAMQTLKGVRFLSKTDKRLLYCIKADPHCLNFLCNFGKMESGKEASVHIQLEGRPSI
LEMDETSALKFEIRATGFPEPNPRVIELNKDENVAHVLLLEGLHHQRPKRYFTMISSSLLLGLMLLLI
SYVMWKAGFFKRQYKSILQEENRRDSWSYNSKSNDD

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 — ITGA4

Entrez GeneID	3676
GeneBank Accession#	BC156712.1
Protein Accession#	AA156713.1
Gene Name	ITGA4
Gene Alias	CD49D, IA4, MGC90518
Gene Description	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)
Omim ID	192975
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the integrin alpha chain family of proteins. Integrins are hetero dimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an alpha 4 chain. Unlike other integrin alpha chains, alpha 4 neither contains an I-domain, nor undergoes disulfide-linked cleavage. Alpha 4 chain associates with either beta 1 chain or beta 7 chain. [provided by RefSeq]
Other Designations	269C wild type antigen CD49D, alpha-4 subunit of VLA-4 receptor integrin alpha 4 integrin alpha-4 subunit very late activation protein 4 receptor, alpha 4 subunit

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)

- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hematopoietic cell lineage](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Multiple Sclerosis](#)
- [Neurogenic Inflammation](#)
- [Tobacco Use Disorder](#)