

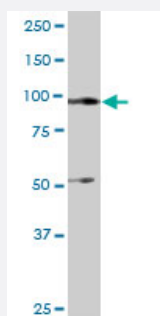
MaxPab®

ITGB2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003689-D01P

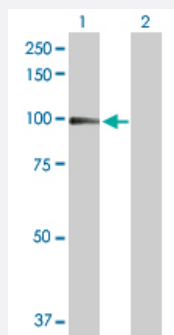
Size 100 ug

Applications



Western Blot (Tissue lysate)

ITGB2 MaxPab rabbit polyclonal antibody. Western Blot analysis of ITGB2 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of ITGB2 expression in transfected 293T cell line ([H00003689-T01](#)) by ITGB2 MaxPab polyclonal antibody.

Lane 1: ITGB2 transfected lysate(84.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ITGB2 protein.

Immunogen

ITGB2 (AAH05861.1, 1 a.a. ~ 769 a.a) full-length human protein.

Sequence

MLGLRPPLLALVGLLSLGCVLSQECTKFKVSSCRECIESGPGCTWCQKLNFTGPGDPDSIRCDT
RPQLLMRGCAADDIMDPTSLAETQEDHNGGQKQLSPQKVTLYLRPGQAAAFNVTFRRAKGYPIDL
YYLMDLSYSMLDDLNRNVKKLGGDLLRALNEITESGRIGFGSFVDKTVLPFVNTHPKLRNPCPNKE
KECQPPFAFRHVLKLTNNSNQFQTEVGKQLISGNLDAPEGGLDAMMQVAACP E EIGWRNVTRLL
VFATDDGFHFAGDGKLGAILTPNDGRCHLEDNL YKRSNEFDYPSVGQLAHKLAENNIQPIFAVTSR
MVKTYEKLTEIIPKSAVGELSESSNVVHLIKNAYNKLSSRVFLDHNALPDTLKVTYDSFCSNGVTH
RNQPRGDCDGVQINVPITFQVKVTATECIEQSFVIRALGFTDIVTVQVLPQCECRCRDQSRDRSL
CHGKGFLECGICRCDTGYIGKNCECQTQGRSSQELEGSCRKDNNSIICSLGDCVCVCGQCLCHTS
DVPGLIYGQYCECDTINCERYNGQVCGGPGRGLCFCKGKCRCHPGFECSACQCERTTEGCLNP
RRVECSGRGRRCRCNVCECHSGYQLPLCQCEPCGCPSPCKGYISCAECLKFEKGPF GKNC SAAC
PGLQLSNNPVKGR TCKERDSEGCWVAYTLEQQDGM DRYLIYVDESRECVAGPNIAAVGGTVAGI
VLIGILLLVWKALIHLSDLREYRRFEKEKLKSQWNNDNPLFKSATTVMNPKFAES

Host

Rabbit

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)

ITGB2 MaxPab rabbit polyclonal antibody. Western Blot analysis of ITGB2 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ITGB2 expression in transfected 293T cell line ([H00003689-T01](#)) by ITGB2 MaxPab polyclonal antibody.

Lane 1: ITGB2 transfected lysate(84.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ITGB2

Entrez GeneID

[3689](#)

GeneBank Accession#

[BC005861](#)

Protein Accession#

[AAH05861.1](#)

Gene Name	ITGB2
Gene Alias	CD18, LAD, LCAMB, LFA-1, MAC-1, MF17, MFI7
Gene Description	integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)
Omim ID	116920 600065
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the integrin beta chain family of proteins. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. This gene encodes the integrin beta chain beta 2. A given chain may combine with multiple partners resulting in different integrins. For example, beta 2 combines with the alpha L chain to form the integrin LFA-1, and combine with the alpha M chain to form the integrin Mac-1. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Defects in this gene are the cause of leukocyte adhesion deficiency type I (LAD1). Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]
Other Designations	CD18 subunit OTTHUMP00000115278 OTTHUMP00000115279 OTTHUMP00000115281 OTTHUMP00000115282 beta 2 integrin subunit cell surface adhesion glycoprotein LFA-1/CR3/P150, 959 beta subunit precursor complement receptor C3 beta-subunit integrin beta 2 integrin bet

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Constriction](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Diabetes Mellitus](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Edema](#)
- [Enterocolitis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Hirschsprung Disease](#)
- [Hypercholesterolemia](#)
- [Infant](#)
- [Inflammation](#)
- [Intracranial Thrombosis](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)

- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Narcolepsy](#)
- [Obesity](#)
- [Parkinson disease](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stroke](#)
- [Thyroid Neoplasms](#)
- [Werner syndrome](#)