

Datasheet for ABIN2789560

anti-Integrin beta 3 antibody (N-Term)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µL
Target:	Integrin beta 3 (ITGB3)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Dog, Rabbit, Sheep, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin beta 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	PLGSPRCDLK ENLLKDNCAP ESIEFPVSEA RVLEDRPLSD KGSGDSSQVT
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Rabbit: 93%, Rat: 92%, Sheep: 86%
Characteristics:	This is a rabbit polyclonal antibody against ITGB3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Integrin beta 3 (ITGB3)
Alternative Name:	ITGB3 (ITGB3 Products)
Background:	The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface

Target Details

proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.

Alias Symbols: CD61, GP3A, GPIIIa, GT, BDPLT2

Protein Interaction Partner: EPHA2, THBS1, SYK, TENC1, ANGPTL3, ITGB3BP, ITGA2B, PDPK1, NUMB, DAB1, DOK1, ILK, DAB2, PTK2B, PTK2, SHC1, EPS8, P2RY2, ITGAV, VTN, KDR, TGM2, SRC, THY1, TLN1, CD36, PDGFRA, ITGB3, PECAM1, PDGFRB, AKT1, FBLN2, ITGA5, FN1, FGG, FGA, NID1, COL1A2, CAPN1, CI

Protein Size: 788

Molecular Weight:	84 kDa
Gene ID:	3690
NCBI Accession:	NM_000212 , NP_000203
UniProt:	P05106
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , Smooth Muscle Cell Migration , Integrin Complex

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 788 AA
Restrictions:	For Research Use only

Handling

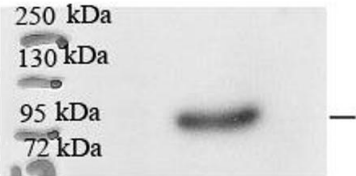
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

ITGB3

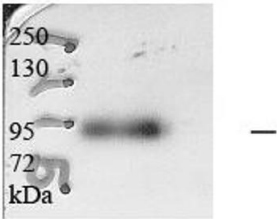


See Immunoblot 2 Data for more information.

Western Blotting

Image 1. Sample type: human aveolar basal endothelial cells (25ug)
Primary Dilution: 1:1000
Secondary Antibody: Goat anti-Rabbit-HRP
Secondary Dilution: 1:5000
Image Submitted by: Andreas Eisenreich
Charite Universitatsmedizin Berlin

ITGB3



See Immunoblot 3 Data for more information.

Western Blotting

Image 2. Sample type: human microvascular endothelial cells (25ug)
Primary Dilution: 1:1000
Secondary Antibody: Goat anti-Rabbit-HRP
Secondary Dilution: 1:5000
Image Submitted by: Andreas Eisenreich
Charite Universitatsmedizin Berlin



Rabbit Anti-ITGB3 Antibody
Catalog Number: ARP63597
Lot Number: QC33924
Lane: Placenta Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 3.