Datasheet for ABIN7601231

anti-Fibulin 1 antibody (AA 30-703)

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Overview

Quantity:	100 µg
Target:	Fibulin 1 (FBLN1)
Binding Specificity:	AA 30-703
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibulin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Fibulin 1/FBLN1 Antibody Picoband®
Immunogen:	E.coli-derived human Fibulin 1/FBLN1 recombinant protein (Position: D30-F703).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-Fibulin 1/FBLN1 Antibody Picoband® (ABIN7601231). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	Fibulin 1 (FBLN1)
Alternative Name:	FBLN1 (FBLN1 Products)
Background:	Synonyms: Insulin gene enhancer protein ISL-1,Islet-1,ISL1, Tissue Specificity: Expressed in subsets of neurons of the adrenal medulla and dorsal root ganglion, inner nuclear and ganglion cell layers in the retina, the pineal and some regions of the brain. Background: FBLN1 is the gene encoding fibulin-1, an extracellular matrix and plasma protein. Fibulin 1 is a secreted glycoprotein that becomes incorporated into a fibrillar extracellular matrix. Calcium-binding is apparently required to mediate its binding to laminin and nidogen. It mediates platelet adhesion via binding fibrinogen. Four splice variants which differ in the 3' end have been identified. Each variant encodes a different isoform, but no functional distinctions have been identified among the four variants.
Molecular Weight:	90 kDa
Gene ID:	2192
UniProt:	P23142

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Argraves, W. S., Dickerson, K., Burgess, W. H., Ruoslahti, E. Fibulin, a novel protein that interacts with the fibronectin receptor-beta subunit cytoplasmic domain. Cell 58: 623-629, 1989. 2. Argraves, W. S., Tran, H., Burgess, W. H., Dickerson, K. Fibulin is an extracellular matrix and plasma glycoprotein with repeated domain structure. J. Cell Biol. 111: 3155-3164, 1990. 3. Bohlega, S., Al-Ajlan, H., Al-Saif, A. Mutation of fibulin-1 causes a novel syndrome involving the central nervous system and connective tissues. Europ. J. Hum. Genet. 22: 640-643, 2014.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.