Datasheet for ABIN7602777

anti-EHD3 antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	EHD3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EHD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-EHD3 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human EHD3, which shares 93.8% and 100% amino acid (aa) sequence identity with mouse and rat EHD3, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-EHD3 Antibody Picoband® (ABIN7602777). Tested in Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Monkey, Mouse, Rat. 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

Product Details

	antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	EHD3
Alternative Name:	EHD3 (EHD3 Products)
Background:	Synonyms: Lymphotactin, C motif chemokine 1, Cytokine SCM-1, Lymphotaxin, Small-inducible cytokine C1, Xcl1, Lptn, Ltn, Scyc1 Tissue Specificity: Expressed in activated CD8 (+) T cells. In the thymus, expressed by medullary thymic epithelial cells. Background: Eps15 homology domain-containing protein 3, abbreviated as EDH3 and also known as PAST3, is a protein encoded by the EHD3 gene. The Eps15 homology (EH) domain-containing protein family consists of four members, EHD1, EHD2, EHD3, and EHD4. The chromosomal locations of the human EHD genes are as follows: EHD1 maps to 11q13, EHD2 maps to 19q13.3, EHD3 maps to 2p21, and EHD4 maps to 15q11.1 (1-3). The encoded proteins of all EHD family members contain multiple conserved regions, which include an amino-terminal nucleotide-binding consensus site, a bipartite nuclear localization signal, and a carboxy-terminal EH protein-binding domain with an EF-hand motif (3,4). EHD1 is ubiquitously expressed with increased expression in testis (2,3). EHD2, EHD3, and EHD4 have more specific expression with EHD2 highly expressed in heart, EHD3 expressed in brain, kidney, liver, placenta, ovary, and heart, and EHD4 expressed in heart, placenta, and pancreas (1,5,6). The EHD proteins may participate in ligand-induced endocytosis (3-5).
Molecular Weight:	70 kDa
Gene ID:	30845

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Monkey, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human 1. Pohl, U., Smith, J. S., Tachibana, I., Ueki, K., Lee, H. K., Ramaswamy, S., Wu, Q., Mohrenweiser, H. W., Jenkins, R. B., Louis, D. N. EHD2, EHD3, and EHD4 encode novel members of a highly conserved family of EH domain-containing proteins. Genomics 63: 255-262, 2000.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	Store 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 freeze-thaw cycles.