

Datasheet for ABIN7600111
anti-PSD3 antibody (AA 15-475)



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Overview

Quantity:	100 µg
Target:	PSD3
Binding Specificity:	AA 15-475
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSD3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PSD3 Antibody Picoband®
Immunogen:	E.coli-derived human PSD3 recombinant protein (Position: N15-E475).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PSD3 Antibody Picoband® (ABIN7600111). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, 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 antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	PSD3
Alternative Name:	PSD3 (PSD3 Products)
Background:	<p>Synonyms: Pre T-cell antigen receptor alpha, pT-alpha, pTa, pT-alpha-TCR, PTCRA</p> <p>Tissue Specificity: Expressed in immature but not mature T-cells. Also found in CD34+ cells from peripheral blood, CD34+ precursors from umbilical cord blood and adult bone marrow.</p> <p>Background: PH and SEC7 domain-containing protein 3 is a protein that in humans is encoded by the PSD3 gene. Predicted to enable guanyl-nucleotide exchange factor activity and phospholipid binding activity. Predicted to be involved in regulation of ARF protein signal transduction and regulation of catalytic activity. Predicted to be located in membrane. Predicted to be active in ruffle membrane.</p>
Molecular Weight:	130 kDa
Gene ID:	23362

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Pils, D., Horak, P., Gleiss, A., Sax, C., Fabjani, G., Moebus, V. J., Zielinski, C., Reinthaller, A., Zeillinger, R., Krainer, M. Five genes from chromosomal band 8p22 are significantly down-regulated in ovarian carcinoma: N33 and EFA6R have a potential impact on overall survival. Cancer 104: 2417-2429, 2005.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 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, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and</p>

thawing.