

Datasheet for ABIN7599283
anti-PSTPIP2 antibody (AA 1-334)



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Overview

Quantity:	100 µg
Target:	PSTPIP2
Binding Specificity:	AA 1-334
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSTPIP2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-PSTPIP2 Antibody Picoband®
Immunogen:	E.coli-derived human PSTPIP2 recombinant protein (Position: M1-Q334).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PSTPIP2 Antibody Picoband® (ABIN7599283). Tested in ELISA, IF, ICC, WB, Flow Cytometry 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:	PSTPIP2
Alternative Name:	PSTPIP2 (PSTPIP2 Products)
Background:	<p>Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7</p> <p>Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary.</p> <p>Background: Proline-serine-threonine phosphatase-interacting protein 2 is an enzyme that in humans is encoded by the PSTPIP2 gene. Predicted to enable actin filament binding activity. Predicted to be involved in actin filament polymerization. Predicted to be located in cytoskeleton and membrane. Predicted to be active in actin filament, cytoplasm, and plasma membrane.</p>
Molecular Weight:	36,39 kDa
Gene ID:	9050
UniProt:	Q9H939

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Byrd, L., Grossmann, M., Potter, M., Shen-Ong, G. L. C. Chronic multifocal osteomyelitis, a new recessive mutation on chromosome 18 of the mouse. Genomics 11: 794-798, 1991. 2. Ferguson, P. J., Bing, X., Vasef, M. A., Ochoa, L. A., Mahgoub, A., Waldschmidt, T. J., Tygrett, L. T., Schlueter, A. J., El-Shanti, H. A missense mutation in pstpip2 is associated with the murine autoinflammatory disorder chronic multifocal osteomyelitis. Bone 38: 41-47, 2006. 3. Giedion, A., Holthusen, W., Masel, L. F., Vischer, D. Subacute and chronic 'symmetrical' osteomyelitis. Ann. Radiol. 15: 329-342, 1972.</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.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
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.