

Datasheet for ABIN7599390
anti-Septin 6 antibody (AA 1-434)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Septin 6 (SEPT6)
Binding Specificity:	AA 1-434
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SEPT6/SEPTIN6 Antibody Picoband®
Immunogen:	E.coli-derived human SEPT6/SEPTIN6 recombinant protein (Position: M1-E434).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SEPT6/SEPTIN6 Antibody Picoband® (ABIN7599390). Tested in ELISA, Flow Cytometry, IHC, 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:	Septin 6 (SEPT6)
Alternative Name:	SEPTIN6 (SEPT6 Products)
Background:	Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7 Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary. Background: Septin-6 is a protein that in humans is encoded by the SEPT6 gene. This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis. One version of pediatric acute myeloid leukemia is the result of a reciprocal translocation between chromosomes 11 and X, with the breakpoint associated with the genes encoding the mixed-lineage leukemia and septin 2 proteins. This gene encodes four transcript variants encoding three distinct isoforms. An additional transcript variant has been identified, but its biological validity has not been determined.
Molecular Weight:	55 kDa
Gene ID:	23157
UniProt:	Q14141

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human, Mouse ELISA, 0.1-0.5 µg/mL, - 1. Kadkol, S. S., Bruno, A., Oh, S., Schmidt, M. L., Lindgren, V. MLL-SEPT6 fusion transcript with a novel sequence in an infant with acute myeloid leukemia. Cancer Genet. Cytogenet. 168: 162-167, 2006. 2. Kim, C. S., Seol, S. K., Song, O.-K., Park, J. H., Jang, S. K. An RNA-binding protein, hnRNP A1, and a scaffold protein, septin 6, facilitate hepatitis C virus replication. J. Virol. 81: 3852-3865, 2007. 3. Kremer, B. E., Adang, L. A., Macara, I. G. Septins regulate actin organization and cell-cycle arrest through nuclear accumulation of NCK mediated by SOCS7. Cell 130: 837-850, 2007.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
---------	-------------

Handling

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 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.