

Datasheet for ABIN7602926
anti-Septin 8 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	Septin 8 (SEPT8)
Binding Specificity:	C-Term
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 8 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Septin 8/Septin8 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Septin 8/Septin8, which shares 95.7% and 100% amino acid (aa) sequence identity with human and rat SEPTIN8, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Septin 8/Septin8 Antibody Picoband® (ABIN7602926). Tested in Flow Cytometry, WB applications. This antibody reacts with 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: Septin 8 (SEPT8)

Alternative Name: Septin8 ([SEPT8 Products](#))

Background: Synonyms: Lymphocyte antigen 6A-2/6E-1, Ly-6A.2/Ly-6E.1, Stem cell antigen 1, SCA-1, T-cell-activating protein, TAP, Ly6a, Ly6,
Tissue Specificity: Widely expressed. .
Background: Predicted to enable GTPase activity, SNARE binding activity, and molecular adaptor activity. Predicted to be involved in several processes, including regulation of SNARE complex assembly, regulation of intracellular protein transport, and regulation of protein stability. Located in myelin sheath. Part of septin complex. Is expressed in dermis, spinal cord ventricular layer, turbinate bone primordium, and ventral grey horn. Orthologous to human Septin8 (septin 8).

Molecular Weight: 56 kDa

Gene ID: 20362

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Mouse, Rat
Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Mouse
1. Blaser, S., Jersch, K., Hainmann, I., Wunderle, D., Zgaga-Griesz, A., Busse, A., Zieger, B. Human septin-septin interaction: CDCrel-1 partners with KIAA0202. FEBS Lett. 519: 169-172, 2002. 2. Blaser, S., Jersch, K., Hainmann, I., Zieger, W., Wunderle, D., Busse, A., Zieger, B. Isolation of new splice isoforms, characterization and expression analysis of the human septin SEPT8 (KIAA0202). Gene 312: 313-320, 2003. 3. Nagase, T., Seki, N., Ishikawa, K., Ohira, M., Kawarabayasi, Y., Ohara, O., Tanaka, A., Kotani, H., Miyajima, N., Nomura, N. Prediction of the coding sequences of unidentified human genes. VI. The coding sequences of 80 new genes (KIAA0201-KIAA0280) deduced by analysis of cDNA clones from cell line KG-1 and brain. DNA Res. 3: 321-329, 1996.

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.