

Datasheet for ABIN571249
anti-Septin 4 antibody (AA 33-44)

4 Images

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Overview

Quantity:	100 µg
Target:	Septin 4 (SEPT4)
Binding Specificity:	AA 33-44
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Septin 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	SEPT4 (aa33-44)
Immunogen:	C-ELSKFVKDFSGN
Sequence:	ELSKFVKDFS GN
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_004565.1, NP_536340.1, NP_536341.1, NP_001185642.1). Amino acid numbering in name refers to NP_004565.1 sequence.
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target:	Septin 4 (SEPT4)
Alternative Name:	SEPT4 (SEPT4 Products)
Background:	SEPT4, septin 4, ARTS, BRADEION, CE5B3, H5, MART, PNUTL2, SEP4, hCDCREL-2, hucep-7, cell division control-related protein 2, cerebral protein 7, peanut-like 2, septin-M
Gene ID:	5414, 18952
NCBI Accession:	NP_004565 , NP_536340 , NP_536341 , NP_001185642

Application Details

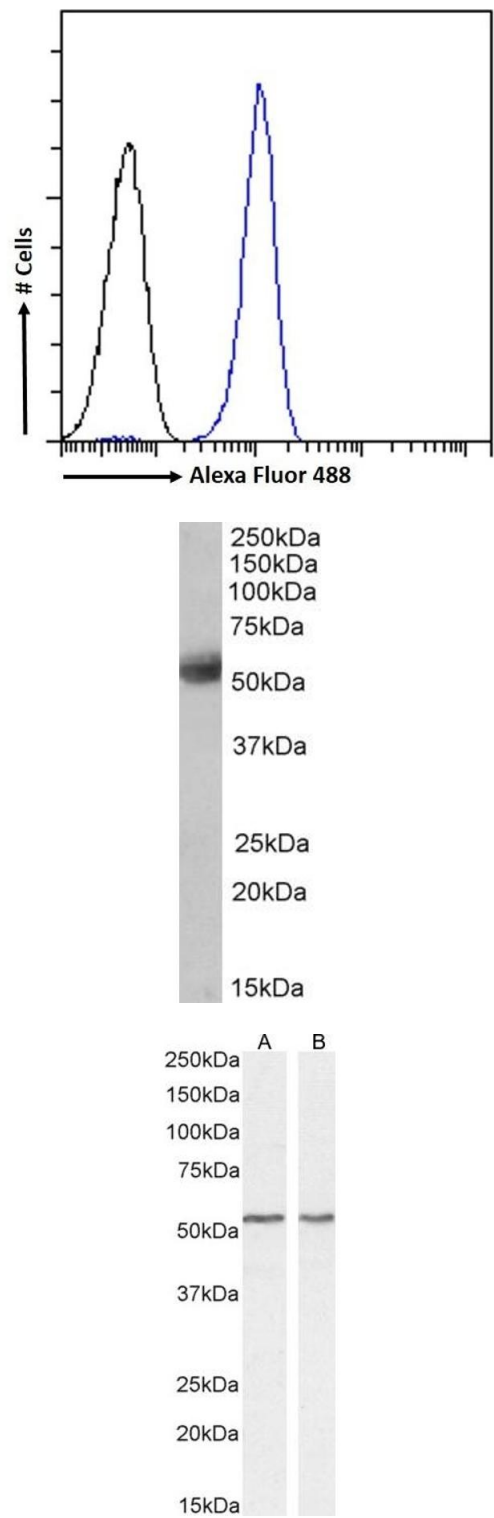
Application Notes:	Western Blot: Approx 55 kDa band observed in nuclear lysates of cell lines Jurkat and in LNCaP cell lysates, 50-55 kDa in Human Cerebellum lysates, and approx. 50 kDa in Mouse Brain lysates (calculated MW of 53.0 kDa according to Human NP_536341.1 and 49.4kD Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

Images



Flow Cytometry

Image 1. (ABIN571249) Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line)

Western Blotting

Image 2. ABIN571249 (0.5 µg/mL) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Western Blotting

Image 3. (ABIN571249) (0.3 µg/mL) staining of Jurkat nuclear (A) and LNCaP (B) cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence..

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN571249.