

Datasheet for ABIN7601366
anti-NUMBL antibody (AA 336-537)



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Overview

Quantity:	100 µg
Target:	NUMBL
Binding Specificity:	AA 336-537
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUMBL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-NUMBL Antibody Picoband®
Immunogen:	E.coli-derived human NUMBL recombinant protein (Position: R336-A537). Human NUMBL shares 91.1% and 89.4% amino acid (aa) sequence identity with mouse and rat NUMBL, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-NUMBL Antibody Picoband® (ABIN7601366). Tested in ELISA, WB, Flow Cytometry 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: NUMBL

Alternative Name: NUMBL ([NUMBL Products](#))

Background: Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody

Tissue Specificity: Expressed in all tissues.

Background: Numb-like protein is a protein that in humans is encoded by the NUMBL gene. NUMBL [numb (drosophila) homolog-like] is functionally related to NUMB, a protein that plays an essential role in the determination of cell fate for sensory organ and neural development. Polyglutamine repeats in the NUMBL gene have been associated with schizophrenia in two unrelated populations. Alternate names for NUMBL include NBL, CAG3A, CTG3a, NUMBR, TNRC23, and NUMBLIKE.

Molecular Weight: 72 kDa

Gene ID: 9253

UniProt: [Q9Y6R0](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat

Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human

ELISA, 0.1-0.5 µg/mL, -

1. Huang, E. J., Li, H., Tang, A. A., Wiggins, A. K., Neve, R. L., Zhong, W., Jan, L. Y., Jan, Y. N.

Application Details

Targeted deletion of numb and numblike in sensory neurons reveals their essential functions in axon arborization. Genes Dev. 19: 138-151, 2005. 2. Li, H.-S., Wang, D., Shen, Q., Schonemann, M. D., Gorski, J. A., Jones, K. R., Temple, S., Jan, L. Y., Jan, Y. N. Inactivation of Numb and Numblike in embryonic dorsal forebrain impairs neurogenesis and disrupts cortical morphogenesis. Neuron 40: 1105-1118, 2003. 3. Margolis, R. L., Abraham, M. R., Gatchell, S. B., Li, S.-H., Kidwai, A. S., Breschel, T. S., Stine, O. C., Callahan, C., McInnis, M. G., Ross, C. A. cDNAs with long CAG trinucleotide repeats from human brain. Hum. Genet. 100: 114-122, 1997.

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:	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.