Clasp2 monoclonal antibody, clone KT68

Catalog # MAB9738 Size 100 uL

Specification

Product Description	Rat monoclonal antibody raised against partial recombinant Clasp2.
Immunogen	Recombinant GST fusion protein corresponding to N-terminus of mouse Clasp2.
Host	Rat
Reactivity	Mouse
Form	Liquid
Purification	Protein G purification
Isotype	IgG2b
Recommend Usage	Western Blot (1 ug/mL) Immunofluorescence (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Phosphate-buffered saline (PBS) with 50% glycerol, 0.5% BSA and 0.09% sodium azide
Storage Instruction	Store at 4°C for 1 month. For long term storage store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Western Blot

Gene Info — Clasp2

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Entrez GeneID	76499
Gene Name	Clasp2
Gene Alias	1500004F14Rik, 8030404L10Rik, C77448, CLASP2beta, mKIAA0627
Gene Description	CLIP associating protein 2
Gene Ontology	Hyperlink
Other Designations	CLASP2alpha|CLASP2gamma|CLIP-associating protein CLASP2

Publication Reference

- CLUH maintains functional mitochondria and translation in motoneuronal axons and prevents peripheral neuropathy.

  Marta Zaninello, Tim Schlegel, Hendrik Nolte, Mujeeb Pirzada, Elisa Savino, Esther Barth, Ines Klein, Hauke Wustenberg, Tesmin Uddin, Lisa Wolff, Brunhilde Wirth, Helmar C Lehmann, Jean-Michel Cioni, Thomas Langer, Elena I Rugarli

  Sci Adv 2024 May; 10(22):eadn2050.

  Application: ICC-IF

- CLASP2 Links Reelin to the Cytoskeleton during Neocortical Development.

  Dillon GM, Tyler WA, Omuro KC, Kambouris J, Tyminski C, Henry S, Haydar TF, Beffert U, Ho A.

  Neuron 2017 Mar; 93(6):1344.

  Application: WB, Human, Mouse, HEK 293T cells, Mouse cortex

- Actin and Microtubule Dependent Regulation of Golgi Morphology by FHDC1.

  Copeland SJ, Thurston SF, Copeland JW.

  Molecular Biology of the Cell 2016 Jan; 27:260.

  Application: IF, Mouse, NIH 3T3 cells

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