

Mouse Nuak2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14451c**Specification**

Mouse Nuak2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q8BZN4](#)

Mouse Nuak2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 74137

Other Names

NUAK family SNF1-like kinase 2, Omphalocoele kinase 2, Nuak2 {ECO:0000312|MGI:MGI:1921387}, Omphk2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Nuak2 Antibody (Center) Blocking Peptide - Protein Information

Name Nuak2 {ECO:0000312|MGI:MGI:1921387}

Synonyms Omphk2

Function

Stress-activated kinase involved in tolerance to glucose starvation. Induces cell-cell detachment by increasing F-actin conversion to G-actin. Expression is induced by CD95 or TNF-alpha, via NF-kappa-B. Protects cells from CD95-mediated apoptosis and is required for the increased motility and invasiveness of CD95-activated tumor cells. Phosphorylates LATS1 and LATS2. Plays a key role in neural tube closure during embryonic development through LATS2 phosphorylation and regulation of the nuclear localization of YAP1 a critical downstream regulatory target in the Hippo signaling pathway.

Mouse Nuak2 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

Mouse Nuak2 Antibody (Center) Blocking Peptide - Images**Mouse Nuak2 Antibody (Center) Blocking Peptide - Background**

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Mouse Nuak2 Antibody (Center) Blocking Peptide - References

Koh, H.J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(35):15541-15546(2010)Ichinoseki-Sekine, N., et al. Am. J. Physiol. Endocrinol. Metab. 296 (5), E1013-E1021 (2009) :Tsuchihara, K., et al. Cancer Sci. 99(4):677-682(2008)Hirano, M., et al. Dev. Dyn. 235(8):2229-2237(2006)