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NUAK2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7158a

Specification

NUAK2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9H093

NUAK2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 81788

Other Names
NUAK family SNF1-like kinase 2, Omphalocele kinase 2, SNF1/AMP kinase-related kinase, SNARK, NUAK2 {ECO:0000312|EMBL:AAH173061}, OMPHK2, SNARK

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7158a was selected from the N-term region of human NUAK2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

NUAK2 Antibody (N-term) Blocking Peptide - Protein Information

Name NUAK2 {ECO:0000312|EMBL:AAH17306.1}

Synonyms OMPHK2, SNARK

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 (PubMed:32845958).

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NUAK2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

NUAK2 Antibody (N-term) Blocking Peptide - Images

NUAK2 Antibody (N-term) Blocking Peptide - Background

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.

NUAK2 Antibody (N-term) Blocking Peptide - References

Lefebvre, D.L., et al., Biochem. J. 355 (Pt 2), 297-305 (2001) (): ().