

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

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**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, Omphalocoele 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](/product/products/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: <http://www.uniprot.org/citations/32845958> target="\_blank">32845958</a>).

**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**

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**NUAK2 Antibody (N-term) Blocking Peptide - References**

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