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NUAK2 Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10164a

Specification

NUAK2 Antibody - Product Information

Application	**WB,E**
Primary Accession	Q9H093
Other Accession	NP_112214.1
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**

NUAK2 Antibody - 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
This NUAK2 antibody is generated from rabbits immunized with a recombinant protein from human NUAK2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NUAK2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

NUAK2 Antibody - 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

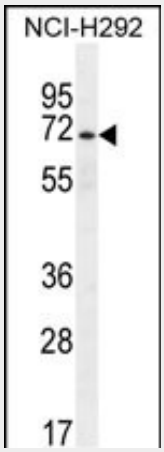
detachment by increasing F-actin conversion to G-actin. Expression is induced by CD95 or TNF-alpha, via NF-kappa-B. Protects cells from CD95-mediated apoptosis and is required for the increased motility and invasiveness of CD95-activated tumor cells. Phosphorylates LATS1 and LATS2. Plays a key role in 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).

NUAK2 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NUAK2 Antibody - Images



NUAK2 Antibody (Cat. #AP10164a) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the NUAK2 antibody detected the NUAK2 protein (arrow).

NUAK2 Antibody - References

Koh, H.J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(35):15541-15546(2010)
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