

NUAK2

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 70kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human NUAK2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

NUAK2;DKFZp434J037;DKFZp686F01113;FLJ90349;SNARK ;

Catalog #: A1079

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 81788

Isotype: IgG

Swiss Prot: Q9H093

Purity: Affinity purification

For research use only.

Background:

SNARK was identified as an SNF1/AMPK-related kinase and member of the AMPK catalytic subunit family (1,2). This enzyme was separately identified as a TNF-induced SNF1-like kinase 2 (NUAK2) (3). The kinase activity of SNARK/NUAK2 is increased by AMP and AICAR (1). SNARK/NUAK2 activity is regulated by a variety of cellular stresses such as endoplasmic reticulum (ER) stress and oxidative stresses (4), suggesting that SNARK/NUAK2 is a signaling molecule involved in the cell stress response (4).

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