Mouse NEK6 Monoclonal Antibody | anti-NEK6 antibody

NEK6 antibody

CATALOG #	HOST	APPLICATIONS
AAA107054	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence**

PRODUCT SYNONYMS

NEK6; Monoclonal Antibody; NEK6 antibody; Monoclonal NEK6; Anti-NEK6; Nima; Never In Mitosis Gene A-Related Kinase 6; SID6-1512; NEK 6; NEK-6; anti-NEK6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5D7
Purity/Purification	NEK6 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	306
Applicable Applications for anti-NEK6 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	The Aspergillus nidulans 'never in mitosis A' (NIMA) gene encodes a serine/threonine kinase that controls initiation of mitosis. NIMA-related kinases (NEKs) are a group of protein kinases that are homologous to NIMA. Evidence suggests that NEKs perform functions similar to those of NIMA.
Cross-Reactivity	Human
Immunogen	NEK6 antibody was raised in mouse using a protein expressed in 293T cell transfected with human NEK6 expression vector as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant NEK6 protein using NEK6 antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of NEK6 protein in paraffin embedded Adenocarcinoma of Human colon tissue using NEK6 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NEK6 protein (Right) or empty vector (Left) detected with NEK6 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NEK6 antibody	Mouse monoclonal NEK6 antibody
Product Categories/Family for anti-NEK6 antibody	Cell Cycle & Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457438
NCBI GeneID	10783
UniProt Accession #	Q9HC98; Q5TBG3; Q5TBG9; Q6FG86; Q6IAR3; Q96E83; Q9ULX2; B7Z2D9
Molecular Weight	38,460 Da
NCBI Official Full Name	NEK6, partial
NCBI Official Synonym Full Names	NIMA-related kinase 6
NCBI Official Symbol	NEK6
NCBI Official Synonym Symbols	SID6-1512
NCBI Protein Information	serine/threonine-protein kinase Nek6
UniProt Protein Name	Serine/threonine-protein kinase Nek6
UniProt Gene Name	**NEK6**
UniProt Synonym Gene Names	NimA-related protein kinase 6
UniProt Entry Name	NEK6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/nek6-antibody-clone-5d7-western-blot-immunohistochemistry-immunofluorescence-elisa/107054