Rabbit anti-Human IP6K2 Polyclonal Antibody | anti-IP6K2 antibody

Anti-IP6K2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104365	**Rabbit**	**Human**	**Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

IP6K2; Polyclonal Antibody; Anti-IP6K2 Antibody; IHPK2; Inositol hexakisphosphate kinase 2; InsP6 kinase 2; P(i)-uptake stimulator; PiUS; anti-IP6K2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of IP6K2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	426
Applicable Applications for anti-IP6K2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IP6K2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of IP6K2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

IHC (Immunohiostchemistry)
Immunohistochemical analysis of IP6K2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of IP6K2 expression in A549 (A), H1299 (B), HeLa (C), Raji (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-IP6K2 antibody	Rabbit polyclonal antibody to IP6K2

NCBI AND UNIPROT INFORMATION

NCBI GI #	55769520
NCBI GeneID	51447
NCBI Accession #	NP_001005909.1
NCBI GenBank Nucleotide #	NM_001005909.2
UniProt Accession #	Q9UHH9; Q6P0N8; Q9BSZ6; Q9BUW3; Q9H4P7; Q9NT63; Q9UFU6; A8K3B1; B4E3G6; G8JLL6
Molecular Weight	9,825 Da
NCBI Official Full Name	inositol hexakisphosphate kinase 2 isoform a
NCBI Official Synonym Full Names	inositol hexakisphosphate kinase 2
NCBI Official Symbol	IP6K2
NCBI Official Synonym Symbols	PIUS; IHPK2
NCBI Protein Information	inositol hexakisphosphate kinase 2; insp6 kinase 2; pi uptake stimulator; inositol hexaphosphate kinase 2; ATP:1D-myo-inositol-hexakisphosphate phosphotransferase
UniProt Protein Name	Inositol hexakisphosphate kinase 2
UniProt Gene Name	**IP6K2**
UniProt Synonym Gene Names	IHPK2; InsP6 kinase 2; PiUS
UniProt Entry Name	IP6K2_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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