

Rabbit IP6K2 Polyclonal Antibody | anti-IP6K2 antibody

IP6K2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327588	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

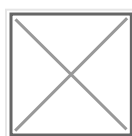
PRODUCT SYNONYMS

IP6K2; Polyclonal Antibody; IP6K2 Antibody; ATP 1D myo inositol hexakisphosphate phosphotransferase; IHPK 2; IHPK2; Inositol hexakisphosphate kinase 2; InsP6 kinase 2; Ip6k2; IP6K2_HUMAN; KIAA0263; OTTHUMP00000164824; P(i) uptake stimulator; P(i)-uptake stimulator; Pi uptake stimulator; PiUS; anti-IP6K2 antibody

PRODUCT SPECIFICATIONS

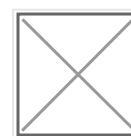
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IP6K2 antibody detects endogenous levels of total IP6K2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	426
Applicable Applications for anti-IP6K2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IP6K2
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from mouse kidney, using IP6K2 Antibody.



IF (Immunofluorescence)

AAA327588 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis IP6K2 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-IP6K2 antibody

Function: Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1, 3, 4, 5, 6-pentakisphosphate (InsP5) to PP-InsP4.
Similarity: Belongs to the inositol phosphokinase (IPK) family.

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	Observed: 49 kDa Predicted: 50 kDa
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
UniProt Protein Name	Inositol hexakisphosphate kinase 2
UniProt Gene Name	IP6K2
UniProt Synonym Gene Names	IHPK2; InsP6 kinase 2; PiUS

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ip6k2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327588>