

Rabbit HIPK4 Polyclonal Antibody | anti-HIPK4 antibody

HIPK4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324046	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

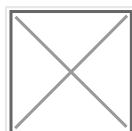
PRODUCT SYNONYMS

HIPK4; Polyclonal Antibody; HIPK4 Antibody; HIPK 4; HIPK4_HUMAN; Homeodomain interacting protein kinase 4; Homeodomain-interacting protein kinase 4; anti-HIPK4 antibody

PRODUCT SPECIFICATIONS

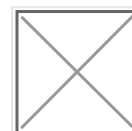
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HIPK4 antibody detects endogenous levels of total HIPK4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	616
Applicable Applications for anti-HIPK4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Rabbit
Similarity	Rabbit (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324046 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 of extracts from HuvEc cells, using HIPK4 antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA324046 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-HIPK4 antibody	Function: Protein kinase that phosphorylates human TP53 at Ser-9, and thus induces TP53 repression of BIRC5 promoter (By similarity). May act as a corepressor of transcription factors (Potential). Post-translational Modifications: Autophosphorylated. Similarity: Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. HIPK subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542768
NCBI GeneID	147746
NCBI Accession #	NP_653286.2
NCBI GenBank Nucleotide #	NM_144685.4
UniProt Accession #	Q8NE63; Q96M54; A8K863
Molecular Weight	Observed: 70 kD Predicted: 70 kDa
NCBI Official Full Name	homeodomain-interacting protein kinase 4
NCBI Official Synonym Full Names	homeodomain interacting protein kinase 4
NCBI Official Symbol	HIPK4
NCBI Protein Information	homeodomain-interacting protein kinase 4
UniProt Protein Name	Homeodomain-interacting protein kinase 4
UniProt Gene Name	HIPK4

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/hipk4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324046>