

Rabbit anti-Human EIF2AK2 Polyclonal Antibody | anti-EIF2AK2 antibody

EIF2AK2 antibody - C-terminal region

CATALOG # AAA201701	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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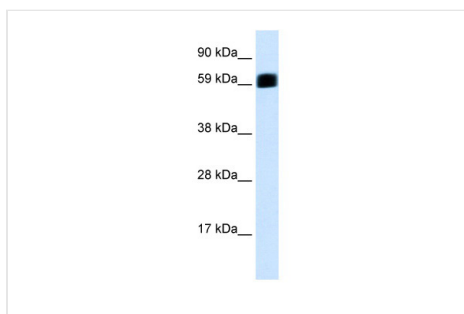
PRODUCT SYNONYMS

EIF2AK2; Polyclonal Antibody; EIF2AK2 antibody - C-terminal region; anti-EIF2AK2 antibody

PRODUCT SPECIFICATIONS

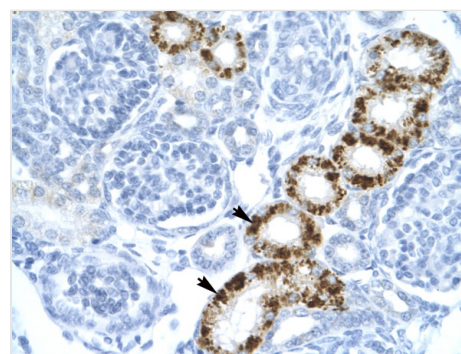
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: II SDIFDKKEKT LLQKLLSKKP EDRPNTSEIL RTLTVWKKSP EKNERHTC
Sequence Length	551
Applicable Applications for anti-EIF2AK2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human EIF2AK2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-EIF2AK2 Antibody Titration: 0.125ug/ml Positive Control: Human Stomach



IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2AK2 antibody	This is a rabbit polyclonal antibody against EIF2AK2. It was validated on Western Blot and immunohistochemistry Target Description: EIF2AK2 might play a role in ER stress-induced apoptosis and in Alzheimer's disease. Alzheimer cases show prominent EIF2AK2 activation in association with neuritic plaques and pyramidal neurons in the hippocampus and neocortex.
Product Categories/Family for anti-EIF2AK2 antibody	Polyclonal; Transcription Factor; RNA Binding Proteins; Cell Cycle Proteins; Lymphocyte Signaling; Cell Biology; Immunology; Disease Related; Immunohistochemistry; Hepatitis C; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506103
NCBI GeneID	5610
NCBI Accession #	NP_002750
NCBI GenBank Nucleotide #	NM_002759
UniProt Accession #	P19525
Molecular Weight	62kDa
NCBI Official Full Name	interferon-induced, double-stranded RNA-activated protein kinase isoform a
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2 alpha kinase 2
NCBI Official Symbol	EIF2AK2
NCBI Official Synonym Symbols	PKR; PRKR; EIF2AK1; PPP1R83
NCBI Protein Information	interferon-induced, double-stranded RNA-activated protein kinase
UniProt Protein Name	Interferon-induced, double-stranded RNA-activated protein kinase
UniProt Gene Name	EIF2AK2
UniProt Synonym Gene Names	PKR; PRKR; eIF-2A protein kinase 2; PKR
UniProt Entry Name	E2AK2_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/polyclonal/eif2ak2-antibody-western-blot-immunohistochemistry-elisa/201701>