

Rabbit anti-Human EIF2AK1 Polyclonal Antibody | anti-EIF2AK1 antibody

EIF2AK1 Rabbit anti-Human Polyclonal (aa108-157) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162512	Rabbit	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

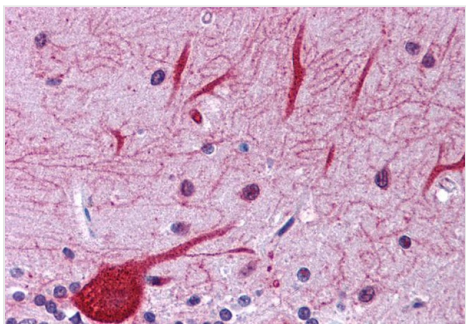
PRODUCT SYNONYMS

EIF2AK1; Polyclonal Antibody; EIF2AK1 Rabbit anti-Human Polyclonal (aa108-157) Antibody; IHC-plus EIF2AK1 Antibody (aa108-157); Heme-regulated repressor; HRI; KIAA1369; HCR; Heme-controlled repressor; Heme-regulated inhibitor; anti-EIF2AK1 antibody

PRODUCT SPECIFICATIONS

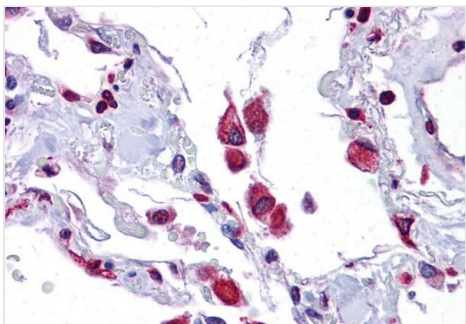
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human EIF2AK1
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-EIF2AK1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human EIF2AK1
Immunogen	Synthetic peptide located between aa108-157 of human EIF2AK1 (Q9BQI3, NP_055228). Percent identity by BLAST analysis: Human, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig (100%); Platypus (92%); Opossum (85%).
Conjugation	Unconjugated
Epitope	aa108-157
Family	Protein Kinase
Subfamily	Translational Control Kinase
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



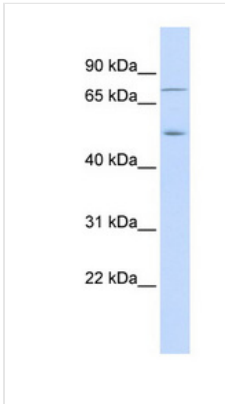
IHC (Immunohistochemisry)

EIF2AK1 Antibody-Anti-EIF2AK1 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



IHC (Immunohiostchemistry)

EIF2AK1 Antibody-Anti-EIF2AK1 antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)

EIF2AK1 Antibody-EIF2AK1 antibody Western blot of Fetal Lung lysate. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2AK1 antibody	EIF2AK1 antibody is an unconjugated rabbit polyclonal antibody to EIF2AK1 (aa108-157) from human. It is reactive with human, mouse, rat and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	27102
NCBI Accession #	NP_055228.2
NCBI GenBank Nucleotide #	NM_014413
UniProt Accession #	Q9BQI3
UniProt Protein Name	Eukaryotic translation initiation factor 2-alpha kinase 1
UniProt Gene Name	EIF2AK1
UniProt Synonym Gene Names	HRI; KIAA1369; HCR
UniProt Entry Name	E2AK1_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.

