

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

EIF2AK1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175404	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

EIF2AK1; Polyclonal Antibody; EIF2AK1 Polyclonal Antibody; E2AK1; EC 2.7.11.1; Eif2ak1; Eukaryotic translation initiation factor 2 alpha kinase 1; Eukaryotic translation initiation factor 2-alpha kinase 1; HCR; Heme controlled repressor; Heme regulated eukaryotic initiation factor eIF 2 alpha kinase; Heme regulated inhibitor; Heme regulated initiation factor 2 alpha kinase; Heme regulated repressor; Heme sensitive initiation factor 2a kinase; Heme-controlled repressor; Heme-regulated eukaryotic initiation factor eIF-2-alpha kinase; Heme-regulated inhibitor; Hemin sensitive initiation factor 2 alpha kinase; Hemin-sensitive initiation factor 2-alpha kinase; HRI; KIAA1369; PRO1362; anti-EIF2AK1 antibody

PRODUCT SPECIFICATIONS

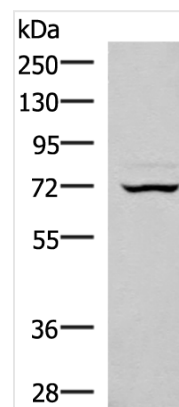
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Sequence Length	629
Applicable Applications for anti-EIF2AK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human EIF2AK1
Conjugation	Unconjugated
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using EIF2AK1 Polyclonal Antibody at dilution of 1:45(×200)



WB (Western Blot)

Western blot analysis of 293T cell lysate using EIF2AK1 Polyclonal Antibody at dilution of 1:350

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2AK1 antibody	The protein encoded by this gene acts at the level of translation initiation to downregulate protein synthesis in response to stress. The encoded protein is a kinase that can be inactivated by hemin. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-EIF2AK1 antibody	Epigenetics and Nuclear Signaling; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	197245437
NCBI GeneID	27102
NCBI Accession #	NP_001127807.1; BC006524
NCBI GenBank Nucleotide #	NP_001127807.1
UniProt Accession #	Q9BQI3
Molecular Weight	Calculated MW: 71 kDa
NCBI Official Full Name	eukaryotic translation initiation factor 2-alpha kinase 1 isoform b
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2 alpha kinase 1
NCBI Official Symbol	EIF2AK1
NCBI Official Synonym Symbols	HCR; HRI
NCBI Protein Information	eukaryotic translation initiation factor 2-alpha kinase 1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif2ak1-antibody-immunohistochemistry-western-blot-elisa/175404>