

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

(KO Validated) EIF2AK1 Polyclonal Antibody

CATALOG # AAA179398	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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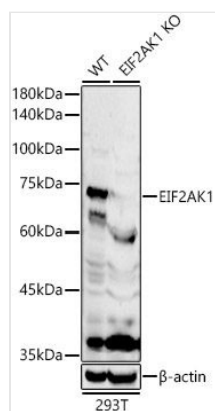
PRODUCT SYNONYMS

EIF2AK1; Polyclonal Antibody; (KO Validated) EIF2AK1 Polyclonal Antibody; HCR; HRI; anti-EIF2AK1 antibody

PRODUCT SPECIFICATIONS

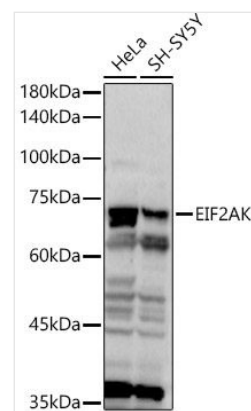
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-EIF2AK1 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein of human EIF2AK1
Research Area	Epigenetics and Nuclear Signaling, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from wild type (WT) and EIF2AK1 knockout (KO) 293T cells using EIF2AK1 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of various lysates using EIF2AK1 Polyclonal Antibody at 1:1000 dilution.

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 kinase that can be inactivated by hemein. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-EIF2AK1 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	197245437
NCBI GeneID	27102
NCBI Accession #	NP_001127807.1
NCBI GenBank Nucleotide #	NM_001134335.1
UniProt Accession #	Q9BQI3; Q549K6; Q8NBW3; Q9HC02; Q9NYE0; Q9P0V6; Q9P1J5; Q9P2H8; Q9UHG4; A8K2R2
Molecular Weight	71,106 Da
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; heme-regulated inhibitor; heme-regulated repressor; heme-controlled repressor; heme sensitive initiation factor 2a kinase; heme regulated initiation factor 2 alpha kinase; heme-regulated initiatio
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-western-blot-elisa/179398>