

Rabbit anti-Human, Rat Eif2ak2 Polyclonal Antibody | anti-Eif2ak2 antibody

Eif2ak2 Polyclonal Antibody

CATALOG # AAA281113	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry
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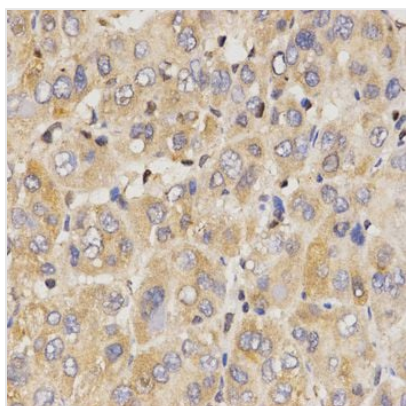
PRODUCT SYNONYMS

Eif2ak2; Polyclonal Antibody; Eif2ak2 Polyclonal Antibody; EIF2AK1; PKR; PPP1R83; PRKR; anti-Eif2ak2 antibody

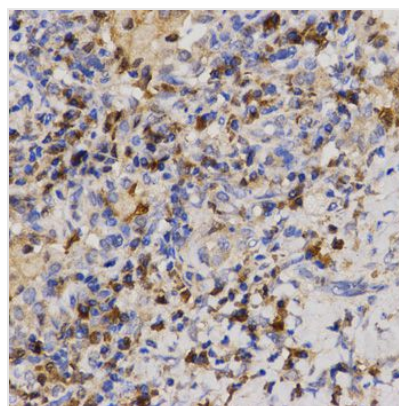
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	546
Applicable Applications for anti-Eif2ak2 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein of mouse Eif2ak2
Immunogen Species	Mouse
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Nucleus, perinuclear region
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

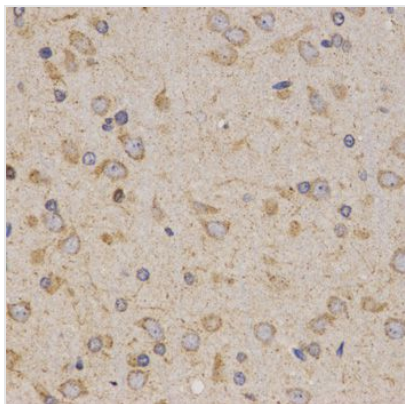
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human liver cancer using Eif2ak2 antibody at dilution of 1:200 (40x lens).


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using Eif2ak2 antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using Eif2ak2 antibody at dilution of 1:200 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-Eif2ak2 antibody	The protein encoded by this gene is a serine/threonine protein kinase that is activated by autophosphorylation after binding to dsRNA. The activated form of the encoded protein can phosphorylate translation initiation factor EIF2S1, which in turn inhibits protein synthesis. This protein is also activated by manganese ions and heparin. Three transcript variants encoding two different isoforms have been found for this gene.
Product Categories/Family for anti-Eif2ak2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	219520292
NCBI GeneID	5610
Molecular Weight	58kDa
NCBI Official Full Name	EIF2AK2 protein
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; Protein kinase R

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-immunohistochemistry-elisa/281113>