

Rabbit anti-Mouse Eif2ak4 Polyclonal Antibody | anti-Eif2ak4 antibody

Mouse Eif2ak4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285171	Rabbit	Mouse	Immunohistochemistry, ELISA, Western Blot

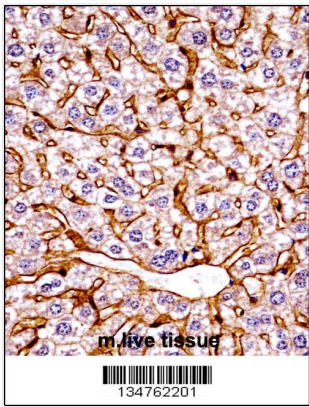
PRODUCT SYNONYMS

Eif2ak4; Polyclonal Antibody; Mouse Eif2ak4 Antibody (C-term); Eukaryotic translation initiation factor 2-alpha kinase 4; GCN2-like protein; mGCN2; Gcn2; Kiaa1338; anti-Eif2ak4 antibody

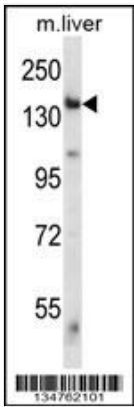
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Eif2ak4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1477-1504 amino acids from the C-terminal region of mouse Eif2ak4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1477-1504
Sequence Length	1536
Applicable Applications for anti-Eif2ak4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Mouse Eif2ak4 Antibody (C-term) (AAA285171)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse live tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Eif2ak4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Eif2ak4 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the Eif2ak4 antibody detected the Eif2ak4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Eif2ak4 antibody	Eif2ak4 can phosphorylate the alpha subunit of EIF2 and may mediate translational control.
Product Categories/Family for anti-Eif2ak4 antibody	Signal Transduction
References	Bunpo, P., et al. J. Nutr. 140(11):2020-2027(2010) Ye, J., et al. EMBO J. 29(12):2082-2096(2010) Liu, Y., et al. Neoplasia 12(1):61-68(2010) Jasperson, L.K., et al. Blood 114(24):5062-5070(2009) Bunpo, P., et al. J. Biol. Chem. 284(47):32742-32749(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	295317391
NCBI GeneID	27103
NCBI Accession #	NP_001171277.1; NP_038747.2
NCBI GenBank Nucleotide #	NM_001177806.1
UniProt Accession #	Q9QZ05; Q6GQT4; Q6ZPT5; Q8C5S0; Q8CIF5; Q9CT30; Q9CUV9; Q9ESB6; Q9ESB7; Q9ESB8; A2AUM3; A2AUM4
Molecular Weight	186487
NCBI Official Full Name	eukaryotic translation initiation factor 2-alpha kinase 4 isoform 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2 alpha kinase 4
NCBI Official Symbol	Eif2ak4
NCBI Official Synonym Symbols	GCN2; MGCN2; 2610011M03
NCBI Protein Information	eukaryotic translation initiation factor 2-alpha kinase 4
UniProt Protein Name	Eukaryotic translation initiation factor 2-alpha kinase 4
UniProt Gene Name	Eif2ak4
UniProt Synonym Gene Names	Gcn2; Kiaa1338; mGCN2

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/eif2ak4-antibody-immunohistochemistry-western-blot-elisa/285171>