

Rabbit eIF2 alpha Polyclonal Antibody | anti-eIF2 alpha antibody

eIF2 alpha antibody

CATALOG # AAA107720	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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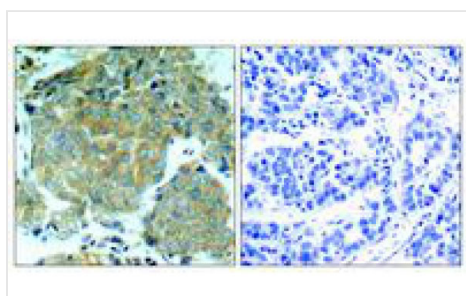
PRODUCT SYNONYMS

eIF2 alpha; Polyclonal Antibody; eIF2 alpha antibody; Polyclonal eIF2 alpha; Anti-eIF2 alpha; Phospho Ser51; eIF2; anti-eIF2 alpha antibody

PRODUCT SPECIFICATIONS

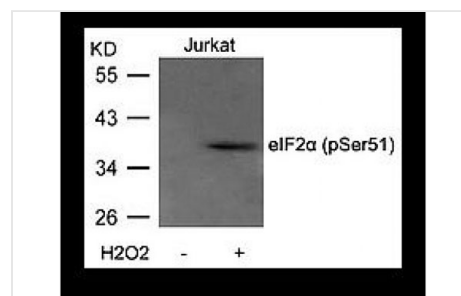
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	eIF2 alpha antibody was purified by immunoaffinity chromatography.
Form/Format	Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-eIF2 alpha antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	Eukaryotic Initiation Factor 2 is a eukaryotic initiation factor. It is required in the initiation of translation. In this fundamental process of life, the ribosome builds proteins according to the information encoded on the mRNA. eIF2 mediates the binding of tRNAmet to the ribosome in a GTP-dependent manner. eIF2 is a heterotrimer consisting of an alpha (also called subunit 1), a beta (subunit 2), and a gamma (subunit 3) subunit.
Cross-Reactivity	Human, Mouse, Rat
Immunogen	eIF2 alpha antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 51 (E-L-S(p)-R-R) derived from Human eIF2A as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



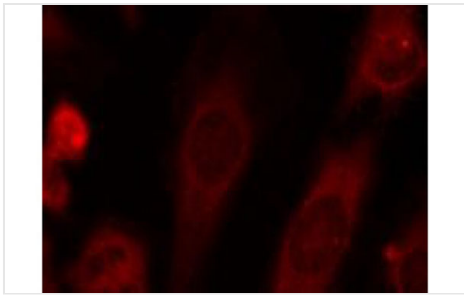
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using eIF2alpha (Phospho-Ser51) antibody (left) or the same antibody preincubated with blocking peptide (right)



WB (Western Blot)

Western Blot analysis of extracts from K562 cells untreated (Lane 1) or treated with IFN-alpha (Lane 2) using eIF2alpha (Phospho-Ser51) antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using eIF2alpha(Phospho-Ser51) antibody

ADDITIONAL INFORMATION

Related Product Information for anti-eIF2 alpha antibody	Rabbit polyclonal eIF2 alpha antibody
Product Categories/Family for anti-eIF2 alpha antibody	DNA & RNA

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/eif2-alpha-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/107720>