

Rabbit eIF2 Alpha Polyclonal Antibody

eIF2 Alpha Antibody (Ser51)

CATALOG # AAA226114	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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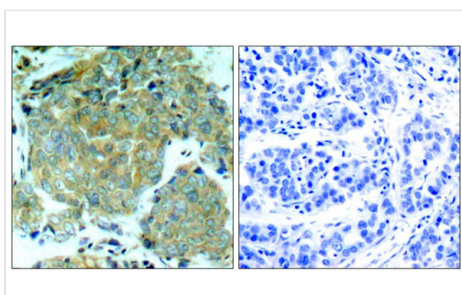
PRODUCT SYNONYMS

eIF2 Alpha; Polyclonal Antibody; eIF2 Alpha Antibody (Ser51); Rabbit Polyclonal eIF2 alpha Antibody (Ser51); Polyclonal eIF2 alpha antibody; Anti-eIF2 alpha antibody; EIF-2 antibody; eIF-2-alpha antibody; eIF-2A antibody; eIF-2alpha antibody; EIF2 antibody; EIF2A antibody; EIF2S1 antibody; Eukaryotic translation initiation factor 2 subunit 1 antibody; Eukaryotic translation initiation factor 2 subunit alpha antibody; eukaryotic translation initiation factor 2 subunit 1 alpha 35kDa antibody; IF2A antibody; anti-eIF2 Alpha antibody

PRODUCT SPECIFICATIONS

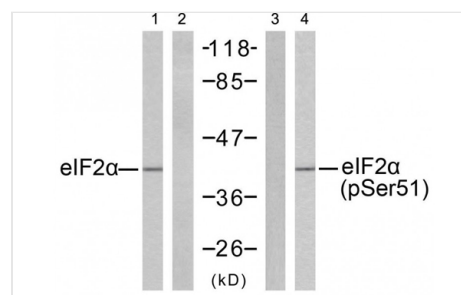
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	eIF2 alpha antibody (Ser51) detects endogenous levels of eIF2 alpha only when phosphorylated at serine 51
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-eIF2 Alpha antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	eIF2 alpha antibody was raised in Rabbit using a synthesized phosphopeptide derived from human eIF2 alpha around the phosphorylation site of serine 51 (E-L-SP-R-R) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using eIF2 alpha antibody (Ser51)



WB (Western Blot)

Western blot analysis of extracts from K562 cells untreated or treated with IFN-alpha (100ng/ml, 20min), using eIF2alpha antibody and eIF2 alpha antibody (Ser51) (Lanes 3 and 4)

ADDITIONAL INFORMATION

Related Product Information for anti-eIF2 Alpha antibody	The alpha subunit of polypeptide chain initiation factor eIF2 can be phosphorylated by a number of related protein kinases which are activated in response to cellular stresses. Physiological conditions which result in eIF2 alpha phosphorylation include virus infection, heat shock, iron deficiency, nutrient deprivation, changes in intracellular calcium, accumulation of unfolded or denatured proteins and the induction of apoptosis.
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-immunohistochemistry-western-blot-elisa/226114>