Rabbit EIF2S1 Polyclonal Antibody | anti-EIF2S1 antibody

Phospho-EIF2S1 (Ser51) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243370	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

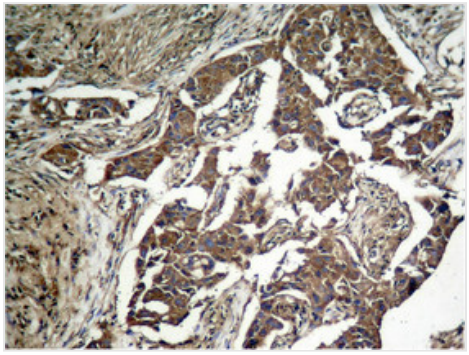
PRODUCT SYNONYMS

EIF2S1; Polyclonal Antibody; Phospho-EIF2S1 (Ser51) Antibody; Eukaryotic Translation initiation factor 2 subunit alpha; EIF-2A; anti-EIF2S1 antibody

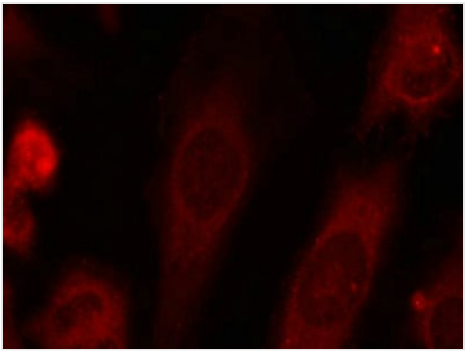
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography usin
Form/Format	Liquid; Supplied at 1.0mg/mL In Phosphate Buffered Saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-EIF2S1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around phosphorylation site of serine 51 (E-L-S(p)-R-R) derived from Human eIF2a.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

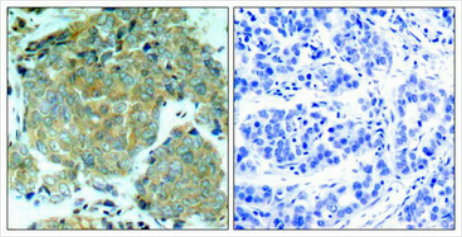
IMAGES



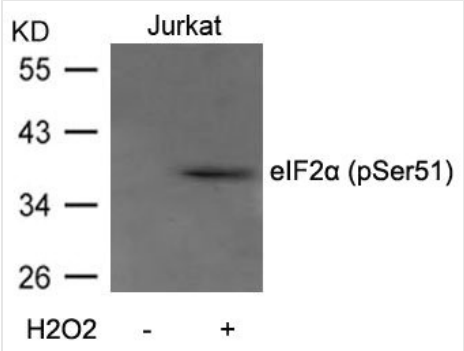
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using eIF2alpha (Phospho-Ser51) Antibody.



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed Hela cells using eIF2a(Phospho-Ser51) Antibody.



IHC (Immunohiostchemistry)
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 Jurkat cells untreated or treated with H2O2 using eIF2a(Phospho-Ser51) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EIF2S1 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758256
NCBI GeneID	1965
NCBI Accession #	NP_004085.1
NCBI GenBank Nucleotide #	NM_004094.4
UniProt Accession #	P05198
Molecular Weight	38 kDa
NCBI Official Full Name	eukaryotic translation initiation factor 2 subunit 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa
NCBI Official Symbol	EIF2S1
NCBI Official Synonym Symbols	EIF2; EIF-2; EIF2A; EIF-2A; EIF-2alpha
NCBI Protein Information	eukaryotic translation initiation factor 2 subunit 1; eIF-2-alpha; eukaryotic translation initiation factor 2 subunit alpha
UniProt Protein Name	Eukaryotic translation initiation factor 2 subunit 1
UniProt Gene Name	**EIF2S1**
UniProt Synonym Gene Names	EIF2A; eIF-2-alpha; eIF-2A; eIF-2alpha
UniProt Entry Name	IF2A_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/eif2s1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243370