

Rabbit anti-Human eIF2alpha-S51 Polyclonal Antibody | anti-eIF2alpha-S51 antibody

Phospho-eIF2alpha-S51 pAb

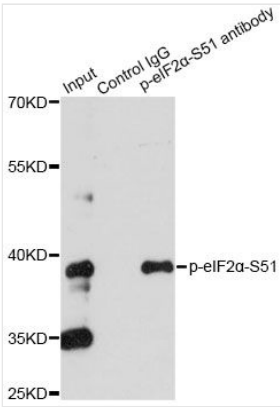
CATALOG # AAA281280	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

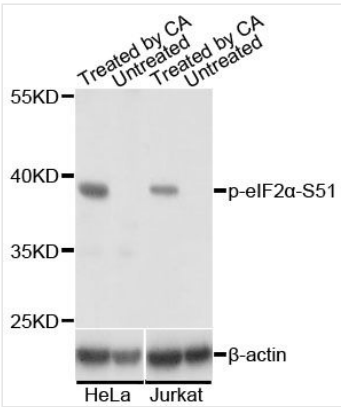
eIF2alpha-S51; Polyclonal Antibody; Phospho-eIF2alpha-S51 pAb; EIF-2; EIF-2A; EIF-2alpha; EIF2; EIF2A; anti-eIF2alpha-S51 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	SELSR
Sequence Length	315
Applicable Applications for anti-eIF2alpha-S51 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding S51 of human eIF2alpha
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasmic granule
Positive Samples	HeLa, Jurkat
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.



IP (Immunoprecipitation)
Immunoprecipitation analysis of 200ug extracts of HeLa cells treated by CA using 2.5ug Phospho-eIF2alpha-S51 antibody. Western blot was performed from the immunoprecipitate using Phospho-eIF2alpha-S51 antibody at a dilution of 1:1000.



WB (Western Blot)
Western blot analysis of extracts of HeLa and Jurkat cells, using Phospho-eIF2alpha-S51 antibody at 1:2000 dilution. HeLa cells were treated by Calyculin A (100nM) for 30 minutes after serum-starvation overnight. Jurkat cells were treated by Calyculin A (100nM) for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Product Categories/Family for anti-eIF2alpha-S51 antibody	Phosphorylated Antibodies
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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	Calculated: 36kDa Observed: 38kDa
NCBI Official Full Name	eukaryotic translation initiation factor 2 subunit 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2 subunit alpha
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
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

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.