Mouse EIF2S1 Monoclonal Antibody | anti-EIF2S1 antibody

Anti-EIF2S1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265798	**Mouse**	**Human, Mouse, Rat**	**Immunoprecipitation, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

EIF2S1; Monoclonal Antibody; Anti-EIF2S1 Antibody; anti-EIF2S1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of EIF2S1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-EIF2S1 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human eIF2alpha protein fragments expressed in E coli.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of EIF2S1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

WB (Western Blot)
Western blot analysis of EIF2S1 expression in K562 (A), COS7 (B), NIH3T3 (C), C2C12 (D), MCF7 (E), C6 (F), Hela (G) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 36 kD

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2S1 antibody	Mouse monoclonal antibody to EIF2S1
Product Categories/Family for anti-EIF2S1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758256
NCBI GeneID	1965

NCBI Accession #	NP_004085.1
NCBI GenBank Nucleotide #	NM_004094.4
UniProt Accession #	P05198; Q6ZWX6; P68101
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/monoclonal/eif2s1-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265798