

Datasheet for ABIN1822434
anti-EIF2A antibody (Ser51)



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Overview

Quantity:	100 µL
Target:	EIF2A
Binding Specificity:	Ser51
Reactivity:	Human, Mouse, Rat, Drosophila melanogaster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic phosphopeptide (KLH coupled) corresponding to residues around Ser51 of human eIF2alpha. Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Detects endogenous eIF2alpha only when phosphorylated at Ser51. Does not recognize eIF2alpha phosphorylated at other sites. Species Crossreactivity: Human, mouse, rat and Drosophila.
Purification:	Affinity purified

Target Details

Target:	EIF2A
Alternative Name:	EIF2 alpha / EIF2A (EIF2A Products)
Background:	Name/Gene ID: EIF2A Synonyms: EIF2A, CDA02, EIF2 alpha, MSTP004, MSTP089, EIF-2A, MST089
Gene ID:	83939
UniProt:	Q9BY44
Pathways:	Ribonucleoprotein Complex Subunit Organization , ER-Nucleus Signaling , Hepatitis C , Methionine Biosynthetic Process , Ribosome Assembly

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	10 mM HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL BSA, 50 % glycerol. No preservative added
Preservative:	Without preservative
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.