

Datasheet for ABIN6657445
anti-EEF1A2 antibody (pSer358)



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Overview

Quantity:	100 µL
Target:	EEF1A2
Binding Specificity:	pSer358
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EEF1A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	eEF1A2 Phospho S358 Antibody
Immunogen:	Anti-Phospho-Ser358 eEF1A2 Antibody was produced in rabbits by repeated immunizations with a synthetic phospho-peptide corresponding to amino acid residues surrounding Ser358 of human eEF1A2 conjugated to KLH.
Isotype:	IgG
Cross-Reactivity (Details):	Anti-Phospho-Ser358 eEF1A2 Antibody is directed against human eEF1A2 protein phosphorylated at S358.
Purification:	The antibody was prepared from monospecific antiserum by immunoaffinity chromatography using phospho peptide coupled to agarose beads followed by solid phase adsorption(s) against non-phospho peptide and non-specific peptide to remove any unwanted reactivities.
Sterility:	Sterile filtered

Target Details

Target:	EEF1A2
Alternative Name:	eEF1A2 (EEF1A2 Products)
Background:	Synonyms: elongation factor 1-alpha 2, EF-1-alpha-2, Eukaryotic elongation factor 1 A-2, eEF1A-2, Statin-S1 Background: Eukaryotic Elongation Factor eEF1A exists in two variant forms, eEF1A1 and eEF1A2. While eEF1A1 is almost ubiquitously expressed in humans, eEF1A2 is predominantly found in heart, brain, and skeletal muscle. Expression of eEF1A2 may have a role in ovarian cancer, as its expression is drastically increased in human ovarian tumors. Due to differences in structural models between the two isoforms, eEF1A1 and eEF1A2 likely have variant-specific phosphorylation sites. Ribosome-associated JNK phosphorylates Ser358 on eEF1A2 to promote degradation of newly synthesized polypeptides by the proteasome. eEF1A2 pS358 Antibody is ideal for researchers interested in cancer research. Gene Name: EEF1A2
Gene ID:	1917
NCBI Accession:	NP_001949
UniProt:	Q05639

Application Details

Application Notes:	ELISA_Dilution: 1:10,000 Western_Blot_Dilution: 1:1000
Comment:	Anti-Phospho-Ser358 eEF1A2 Antibody has been tested by Western Blots and is specific for the ~50 kDa eEF1A2 protein phosphorylated at Ser358. Immunolabeling of the eEF1A2 band is blocked by the treatment of the lysate with lambda phosphatase (30 minutes, 800 units / 1 mg protein). Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.01 M HEPES, 0.15 M Sodium Chloride, pH 7.5 Stabilizer: 0.1 mg/mL Bovine Serum Albumin (BSA) - IgG and Protease free, 50 % (v/v) Glycerol Preservative: None
Preservative:	Without preservative

Handling

Storage:	-20 °C
Storage Comment:	Store vial at -20° C prior to opening in undiluted aliquots. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature.
Expiry Date:	12 months