

Anti-Phospho-eIF2 α (Ser51) Antibody (9Z756)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human; Species predicted to react based on 100% sequence homology: Mouse, rat
Conjugation:	Unconjugated
Clone:	9Z756
Purification:	Protein A

Applications

Verified Activity:	<ol style="list-style-type: none">1. Western blot analysis of extracts from serum-starved HeLa, untreated (line A); treated with Calyculin A (100nM, 30 min), without peptide (line B) or antigen-specific phosphopeptide (line C) or antigen-specific peptide (line D) using Phospho-eIF2α (Ser51) rabbit monoclonal Antibody at 1:1000 dilution. (Validation Experiment)2. Western blot analysis of extracts from serum-starved HeLa, treated with Calyculin A (100 nM, 30 min), using Phospho-eIF2α (Ser51) Antibody and other brands' antibodies (company C) at dilution of 1:1000, 1:10000 and 1:200000. (Validation Experiment)3. Western blot analysis of extracts from serum-starved NIH-3T3, untreated(line A) or treated with CalyculinA(100nM, 30min; +)(line B), using Phospho-eIF2α (Ser51) rabbit monoclonal Antibody at 1:1000 dilution.
Application:	WB
Recommended	WB: 1:1000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: residues around Ser51 of human Phospho-eIF2 α .
Antigen Species:	Human
Synonyms:	EIF-2 α ;p-eIF2 α (S51);EIF2A;eIF2 α (p-S51);EIF-2;EIF-2A;p-eIF2 α (Ser51);EIF2 α ;eIF2 α (p-Ser51);EIF-2 α ;EIF2;Phospho-eIF2 α (S51)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481