

p70 S6 Kinase beta (Phospho-Ser423) Antibody

Catalog No: #12066

Package Size: #12066-1 50ul #12066-2 100ul

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Description

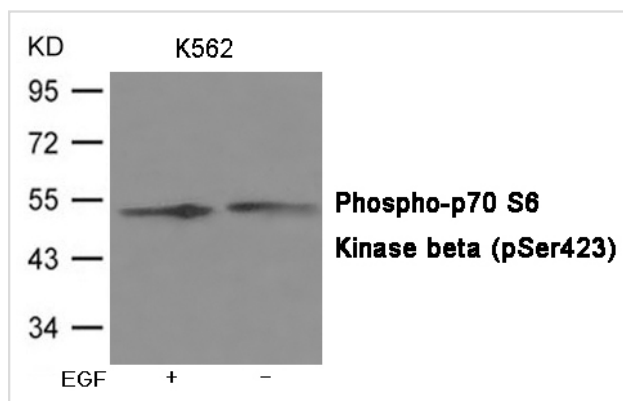
Product Name	p70 S6 Kinase beta (Phospho-Ser423) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Human
Specificity	The antibody detects endogenous level of p70 S6 Kinase beta only when phosphorylated at Serine 423.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 423 (P-V-S(p)-P-L) derived from Human p70 S6 Kinase beta.
Conjugates	Unconjugated
Target Name	p70 S6 Kinase beta
Modification	Phospho
Other Names	KLS, SRK, S6K2, STK14B, p70S6Kb
Accession No.	Swiss-Prot#: Q9UBS0; NCBI Gene#: 6199; NCBI Protein#: NP_003943.2
SDS-PAGE MW	53kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Predicted MW: 53kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from K562 cells untreated or treated with EGF, using Phospho-p70 S6 Kinase beta (Phospho-Ser423) Antibody #12066.

Background

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates the S6 ribosomal protein and eucaryotic translation initiation factor 4B (eIF4B).

Published Papers

et al., H₂O₂ treatment or serum deprivation induces autophagy and apoptosis in naked mole-rat skin fibroblasts by inhibiting the PI3K/Akt signaling pathway. In *Oncotarget* on 2016 Dec 20 by Shanmin Zhao, Li Li et al.. PMID:27863375, , (2016)

[PMID:27863375](https://pubmed.ncbi.nlm.nih.gov/27863375/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.