Anti-Phospho-RPS6KA4-Thr568 antibody (500-580) (STJ90952)

STJ90952

GENERAL INFORMATION

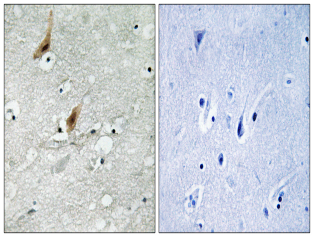
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-Phospho-Ribosomal Protein S6 Kinase Alpha-4-Thr568 (500-580) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications WB, IHC-P, IF-P, ELISA
Host/Source Rabbit
Reactivity Human, Mouse

PRODUCT PROPERTIES

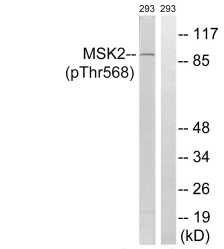
Clonality Polyclonal
Clone ID
Concentration 1 mg/mL
Conjugation Unconjugated
Purification The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range WB 1:500-1:2000
IHC 1:100-1:300
ELISA 1:40000
Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype IgG
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

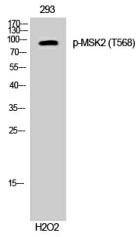
Gene ID 8986
Gene Symbol RPS6KA4
Uniprot ID KS6A4_HUMAN
Immunogen The antiserum was produced against synthesized peptide derived from human MSK2 around the phosphorylation site of Thr568 at amino acid range 531-580
Immunogen Region 500-580
Specificity Phospho-RPS6KA4-Thr568 polyclonal antibody (Ribosomal Protein S6 Kinase Alpha-4) binds to endogenous Ribosomal Protein S6 Kinase Alpha-4 at the amino acid region 500-580 only when phosphorylated at Thr568.
Immunogen Sequence



Immunohistochemistry analysis of paraffin-embedded human brain, using MSK2 (Phospho-Thr568) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from 293 cells treated with H2O2 100uM 15', using MSK2 (Phospho-Thr568) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of 293 cells using Phospho-MSK2 (T568) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081