

Datasheet for ABIN1531364
anti-RPS6KA3 antibody (pThr573)

3 Images

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Overview

Quantity:	100 µg
Target:	RPS6KA3
Binding Specificity:	AA 539-588, pThr573
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human p90 RSK around the phosphorylation site of Thr573.
Isotype:	IgG
Specificity:	p90 RSK (Phospho-Thr573) Antibody detects endogenous levels of p90 RSK only when phosphorylated at Thr573. PhosphorylationH:T573 M:T562 R:T573
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

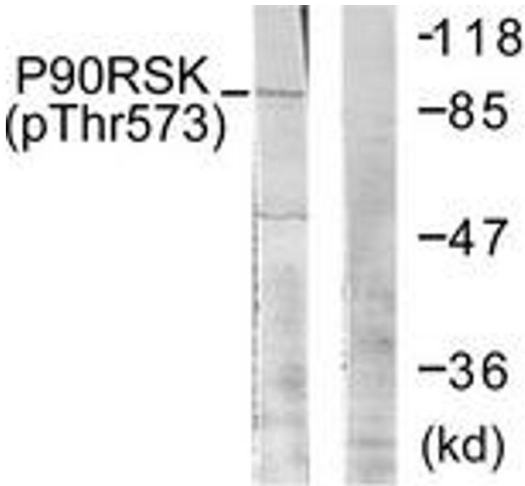
Target:	RPS6KA3
Alternative Name:	p90 RSK (RPS6KA3 Products)
Background:	Synonyms: 90 kDa ribosomal protein S6 kinase 1, kinase p90RSK1, KS6A1, KS6AA, MAPKAP-K1a, p90-RSK 1, pp90RSK1, Ribosomal protein S6 kinase alpha 1, Ribosomal S6 kinase 1, RPS6KA1, RSK-1, RSK1, S6K-alpha 1 NCBI Gene Symbol: RPS6KA1
Molecular Weight:	82 kDa
Gene ID:	6195
OMIM:	601684
UniProt:	Q15418
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:5000
Comment:	Unigene-Number: Hs.149957 (NCBI Gene Symbol: RPS6KA1)
Restrictions:	For Research Use only

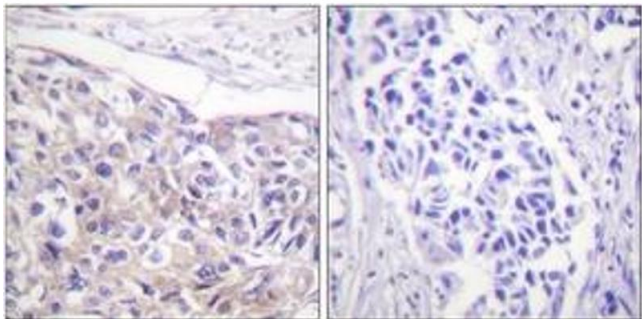
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



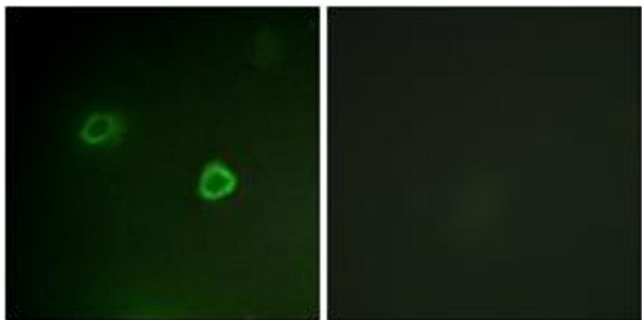
Western Blotting

Image 1. Western blot analysis of extracts from 293 cells treated with UV 30', using p90 RSK (Phospho-Thr573) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using p90 RSK (Phospho-Thr573) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of COS7 cells, using p90 RSK (Phospho-Thr573) Antibody. The picture on the right is treated with the synthesized peptide.