ARG42887
anti-RPS6KA6 / RSK4 phospho (Ser232) antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RPS6KA6 / RSK4 phospho (Ser232)
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RPS6KA6 / RSK4
Species	Human
Immunogen	Phosphospecific peptide around Ser232 of Human RPS6KA6 / RSK4.
Conjugation	Un-conjugated
Alternate Names	Ribosomal S6 kinase 4; pp90RSK4; p90-RSK 6; p90RSK6; RSK-4; PP90RSK4; S6K-alpha-6; EC 2.7.11.1; 90 kDa ribosomal protein S6 kinase 6; RSK4; Ribosomal protein S6 kinase alpha-6

Application Instructions

Application table

Application	Dilution
IHC-P	1:20
WB	1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HeLa
Observed Size	~ 84 kDa

Properties

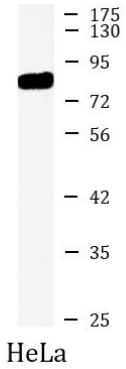
Form	Liquid
Purification	Affinity purified.
Buffer	50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Concentration	Batch dependent
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	RPS6KA6
Gene Full Name	ribosomal protein S6 kinase, 90kDa, polypeptide 6
Background	This gene encodes a member of ribosomal S6 kinase family, serine-threonine protein kinases which are regulated by growth factors. The encoded protein may be distinct from other members of this family, however, as studies suggest it is not growth factor dependent and may not participate in the same signaling pathways. [provided by RefSeq, Jan 2010]
Function	Constitutively active serine/threonine-protein kinase that exhibits growth-factor-independent kinase activity and that may participate in p53/TP53-dependent cell growth arrest signaling and play an inhibitory role during embryogenesis. [UniProt]
Calculated Mw	84 kDa
PTM	Phosphorylated at Ser-232, Ser-372, and Ser-389 in serum-starved cells. [UniProt]
Cellular Localization	Cytoplasm, cytosol. Nucleus. Note=Predominantly cytosolic. [UniProt]

Images



ARG42887 anti-RPS6KA6 / RSK4 phospho (Ser232) antibody WB image

Western blot: HeLa cell lysate stained with ARG42887 anti-RPS6KA6 / RSK4 phospho (Ser232) antibody at 1:1000 dilution.