

Datasheet for ABIN6147229
anti-RPS6KA3 antibody (AA 68-327)



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Overview

Quantity:	100 µL
Target:	RPS6KA3
Binding Specificity:	AA 68-327
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 68-327 of human RPS6KA3 (NP_004577.1).
Sequence:	FELLKVLGQG SFGKVFLVKK ISGSDARQLY AMKVLKKATL KVRDRVRTKM ERDILVEVNH PFIVKLHYAF QTEGKLYLIL DFLRGDLFT RLSKEVMFTE EDVKFYLAEL ALALDHLHSL GIIYRDLKPE NILLDEEGHI KLTDGFLSKE SIDHEKKAYS FCGTVEYMAP EVVNRRTGHTQ SADWWSFGVL MFEMLTGTLP FQGKDRKETM TMILKAKLGM PQFLSPEAQS LLRMLFKRNP ANRLGAGPDG VEEIKRHSFF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	RPS6KA3
Alternative Name:	RPS6KA3 (RPS6KA3 Products)
Background:	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Mutations in this gene have been associated with Coffin-Lowry syndrome (CLS), RPS6KA3, CLS, HU-3, ISPK-1, MAPKAPK1B, MRX19, RSK, RSK2, S6K-alpha3, p90-RSK2, pp90RSK2, Epigenetics & Nuclear Signaling, Translation Control, Regulation of eIF4 and p70 S6 Kinase, Signal Transduction, G protein signaling, G2/M DNA Damage Checkpoint, Kinase, Serine/threonine kinases, mTOR Signaling Pathway, MAPK-Erk Signaling Pathway, Cell Biology & Developmental Biology, Apoptosis, Mitochondrial Control of Apoptosis, Inhibition of Apoptosis, Cell Cycle, G2/M DNA Damage Checkpoint, Microtubules, Immunology & Inflammation, Neuroscience, RPS6KA3
Molecular Weight:	83 kDa
Gene ID:	6197
UniProt:	P51812
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB, 1:500 - 1:2000, IHC, 1:50 - 1:200, IF, 1:20 - 1:50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.