

Datasheet for ABIN360340

anti-RPS6KA1 antibody (Ser732)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	RPS6KA1
Binding Specificity:	Ser732
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS6KA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide corresponding to amino acid residues surrounding S732 of human RPS6KA1.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to RPS6KA1.
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	RPS6KA1
Alternative Name:	RPS6KA1 (RPS6KA1 Products)
Background:	RPS6KA1 is a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases.

Target Details

This kinase contains 2 nonidentical 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. Synonyms: 90 kDa ribosomal protein S6 kinase 1, MAPKAPK1A, RSK-1, RSK1, Ribosomal S6 kinase 1, Ribosomal protein S6 kinase alpha-1, p90RSK1

Gene ID: 6195, 9606

UniProt: [Q15418](#)

Pathways: [MAPK Signaling](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/10 - 1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

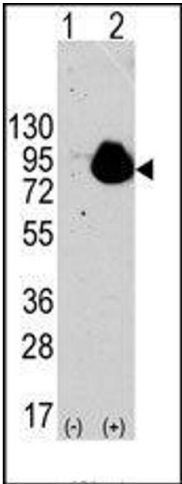


Image 1.

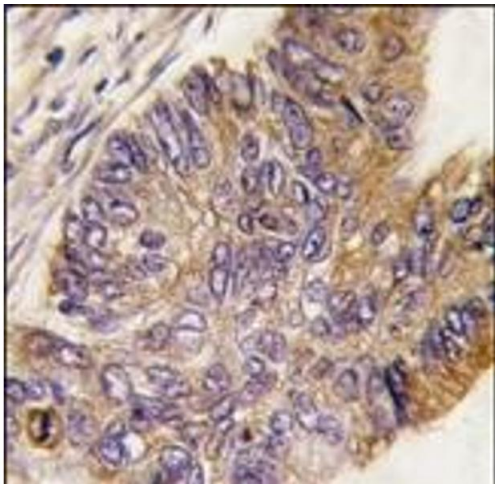


Image 2.