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Datasheet

Rps6ka1 (phospho S352) polyclonal antibody

Catalog Number: PAB12168

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic phosphopeptide of Rps6ka1.

Immunogen: Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S352 of mouse Rps6ka1.

Sequence: RDSpPG

Host: Rabbit

Theoretical MW (kDa): 90

Reactivity: Human,Mouse,Rat

Applications: WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: p90RSK (Phospho-Ser352) antibody detects endogenous levels of p90RSK only when phosphorylated at serine 352.

Form: Liquid

Purification: Immunoaffinity purification

Concentration: 1 mg/mL

Recommend Usage: Western Blot (1:500-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 20111

Gene Symbol: Rps6ka1

Gene Alias: Rsk1, p90rsk, rsk

References:

1. Role of p90 ribosomal S6 kinase (p90RSK) in reactive oxygen species and protein kinase C beta (PKC-beta)-mediated cardiac troponin I phosphorylation. Itoh S, Ding B, Bains CP, Wang N, Takeishi Y, Jalili T, King GL, Walsh RA, Yan C, Abe J. J Biol Chem. 2005 Jun 24;280(25):24135-42. Epub 2005 Apr 19.
2. Activation of p90 Rsk1 is sufficient for differentiation of PC12 cells. Silverman E, Frodin M, Gammeltoft S, Maller JL. Mol Cell Biol. 2004 Dec;24(24):10573-83.
3. Mitogen-activated protein kinase pathway-dependent tumor-specific survival signaling in melanoma cells through inactivation of the proapoptotic protein bad. Eisenmann KM, VanBrocklin MW, Staffend NA, Kitchen SM, Koo HM. Cancer Res. 2003 Dec 1;63(23):8330-7.