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antibody and ELISA experts

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Anti-Ribosomal Protein S2 RPS2 Antibody

Catalog Number: A03548-1

About RPS2

The laminar organization of multiple neuronal types in the cerebral cortex is required for normal cognitive function. In mice, the disabled-1 gene plays a central role in brain development, directing the migration of cortical neurons past previously formed neurons to reach their proper layer. This gene is similar to disabled-1, and the protein encoded by this gene is thought to be a signal transducer that interacts with protein kinase pathways to regulate neuronal positioning in the developing brain. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined.

Kelian Chen, et,al. (2003) J. Cell Sci ; 117: 4527 - 4536.
Vera Strasser, et,al. (2004) Mol. Cell. Biol ; 24: 1378 - 1386.
Izhar Ben-Shlomo, et,al. (2003) Sci. STKE ; 2003: 9.
H. M. Kim, et,al. (2002) PNAS ; 99: 4020.

Overview

Product Name	Anti-Ribosomal Protein S2 RPS2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Ribosomal Protein S2 RPS2 Antibody catalog # A03548-1. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal 1H1D2
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P15880

Technical Details

Immunogen	Synthesized peptide derived from the C-terminal region of human Ribosomal Protein S2. at AA range: 220-300
Predicted Reactive Species	Bovine, Equine, Rabbit
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG

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Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using an epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB, 1:500-1:2000 ELISA 1:20000

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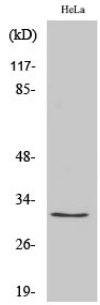
Anti-Ribosomal Protein S2 RPS2 Antibody (A03548-1) Images



Western blot analysis of various cells using Ribosomal Protein S2 Polyclonal Antibody diluted at 1:2000