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RPS6KB2 Antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AW5054

Product Information

Application	WB
Primary Accession	Q9UBS0
Other Accession	NP_003943.2
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	53455
Isotype	IgG1,K
Antigen Source	HUMAN

Additional Information

Gene ID	6199
Antigen Region	1-470
Other Names	RPS6KB2; STK14B; Ribosomal protein S6 kinase beta-2; 70 kDa ribosomal protein S6 kinase 2; S6 kinase-related kinase; Serine/threonine-protein kinase 14B; p70 ribosomal S6 kinase beta
Dilution	WB~~1:1000
Target/Specificity	This RPS6KB2 monoclonal antibody is generated from mouse immunized with RPS6KB2 recombinant protein.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RPS6KB2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

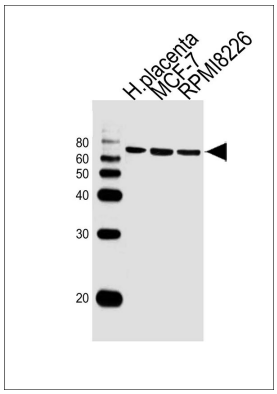
Name	RPS6KB2
Synonyms	STK14B

Function	Phosphorylates specifically ribosomal protein S6 (PubMed: 29750193). Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7 (PubMed:29750193).
Cellular Location	Cytoplasm. Nucleus.

Background

Phosphorylates specifically ribosomal protein S6.

Images



Western blot analysis of lysates from human placenta tissue lysate,MCF-7,RPMI8226 cell line (from left to right), using RPS6KB2 Antibody(AW5054). AW5054 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.