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RASSF7 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16958b

Product Information

Application	WB, E
Primary Accession	Q02833
Other Accession	NP_001137466.1, NP_003466.1, NP_001137465.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36595
Calculated MW	39945
Antigen Region	326-354

Additional Information

Gene ID	8045
Other Names	Ras association domain-containing protein 7, HRAS1-related cluster protein 1, RASSF7, C11orf13, HRC1
Target/Specificity	This RASSF7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 326-354 amino acids from the C-terminal region of human RASSF7.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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	RASSF7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RASSF7
Synonyms	C11orf13, HRC1
Function	Negatively regulates stress-induced JNK activation and apoptosis by

promoting MAP2K7 phosphorylation and inhibiting its ability to activate JNK. Following prolonged stress, anti-apoptotic effect stops because of degradation of RASSF7 protein via the ubiquitin-proteasome pathway. Required for the activation of AURKB and chromosomal congression during mitosis where it stimulates microtubule polymerization.

Cellular Location Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Colocalizes with gamma-tubulin

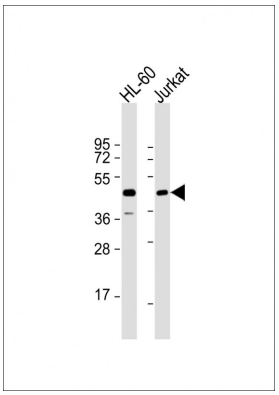
Background

RASSF7 contains 1 Ras-associating domain. It is a centrosome-associated protein required to form a spindle and complete mitosis in the neural tube. There are two isoforms.

References

Recino, A., et al. Biochem. J. 430(2):207-213(2010)
Lescai, F., et al. Eur. J. Hum. Genet. 17(11):1515-1519(2009)
Sherwood, V., et al. Mol. Biol. Cell 19(4):1772-1782(2008)
Tsang, H.T., et al. Genomics 88(3):333-346(2006)
Iarmolinskii, D.G., et al. Tsitol. Genet. 38(1):9-14(2004)

Images



All lanes : Anti-RASSF7 Antibody (C-term) at 1:1000 dilution Lane 1: HL-60 whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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