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RASSF2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21484c

Product Information

Application	WB, E
Primary Accession	P50749
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53808
Calculated MW	37790

Additional Information

Gene ID	9770
Other Names	Ras association domain-containing protein 2, RASSF2, KIAA0168
Target/Specificity	This RASSF2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 123-156 amino acids from the Central region of human RASSF2.
Dilution	WB~~1:2000 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	RASSF2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RASSF2
Synonyms	CENP-34 {ECO:0000303|PubMed:20813266}, K
Function	Potential tumor suppressor. Acts as a KRAS-specific effector protein. May promote apoptosis and cell cycle arrest. Stabilizes STK3/MST2 by protecting it from proteasomal degradation.

Cellular Location	Nucleus. Cytoplasm. Chromosome, centromere, kinetochore. Note=Translocates to the cytoplasm in the presence of STK3/MST2 and STK4/MST1
Tissue Location	Widely expressed with highest levels in brain, placenta, peripheral blood and lung. Frequently down-regulated in lung tumor cell lines.

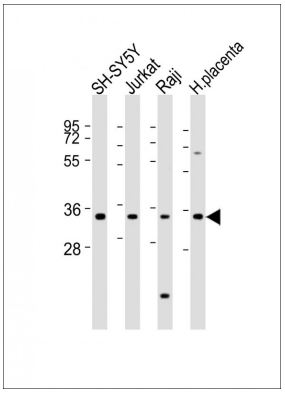
Background

Potential tumor suppressor. Acts as a KRAS-specific effector protein. May promote apoptosis and cell cycle arrest. Stabilizes STK3/MST2 by protecting it from proteasomal degradation.

References

Burbee D.G.,et al.Submitted (SEP-2002) to the EMBL/GenBank/DDBJ databases.
Nagase T.,et al.DNA Res. 3:17-24(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



All lanes : Anti-RASSF2 Antibody (Center) at 1:2000 dilution Lane 1: SH-SY5Y whole cell lysates Lane 2: Jurkat whole cell lysates Lane 3: Raji whole cell lysates Lane 4: human placenta lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 38 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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