

RASSF2 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21483a

Product Information

Application WB, E Primary Accession P50749

Reactivity Human, Rat, Mouse

HostRabbitClonalitypolyclonalIsotypeRabbit IgGClone NamesRB53747Calculated MW37790

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 64-98 amino acids from 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 (N-Term) 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.

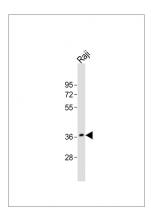
Nagase T., et al. DNA Res. 3:17-24(1996).

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



Anti-RASSF2 Antibody (N-Term)at 1:2000 dilution + Raji whole cell 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'.