

RASSF7 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16958b**Specification**

RASSF7 Antibody (C-term) - 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
Calculated MW	39945
Antigen Region	326-354

RASSF7 Antibody (C-term) - 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.

RASSF7 Antibody (C-term) - 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.

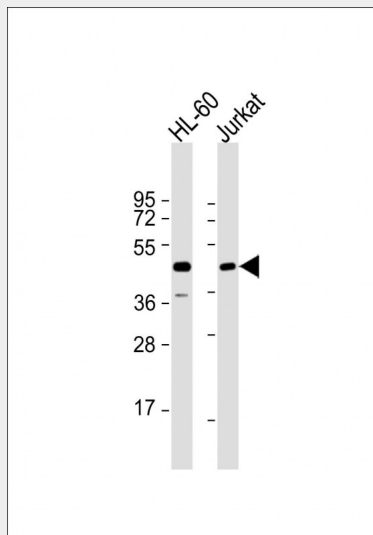
Cellular Location

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

RASSF7 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RASSF7 Antibody (C-term) - 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.

RASSF7 Antibody (C-term) - 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.

RASSF7 Antibody (C-term) - 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)