

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

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**RASSF7 Antibody (C-term) - Product Information**

|                   |                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------|
| Application       | WB,E                                                                                             |
| Primary Accession | <a href="#">Q02833</a>                                                                           |
| Other Accession   | <a href="#">NP_001137466.1</a> , <a href="#">NP_003466.1</a> ,<br><a href="#">NP_001137465.1</a> |
| 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

**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.

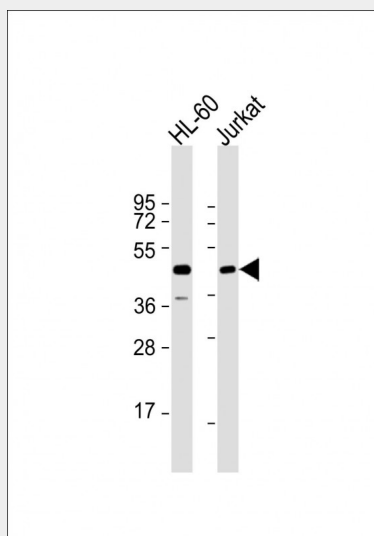
**Cellular Location**

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)