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# Goat Anti-RASSF7 / HRAS1 Antibody

**Peptide-affinity purified goat antibody**
**Catalog # AF1917a**

## Specification

### Goat Anti-RASSF7 / HRAS1 Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | Q02833 |
| Other Accession | NP_003466, 8045 |
| Reactivity | **Human** |
| Host | **Goat** |
| Clonality | **Polyclonal** |
| Concentration | **100ug/200ul** |
| Isotype | **IgG** |
| Calculated MW | **39945** |

### Goat Anti-RASSF7 / HRAS1 Antibody - Additional Information

**Gene ID** 8045

**Other Names**
Ras association domain-containing protein 7, HRAS1-related cluster protein 1, RASSF7, C11orf13, HRC1

**Format**
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
Goat Anti-RASSF7 / HRAS1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Goat Anti-RASSF7 / HRAS1 Antibody - 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

## Goat Anti-RASSF7 / HRAS1 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Goat Anti-RASSF7 / HRAS1 Antibody - Images




AF1917a (1 µg/ml) staining of Jurkat cell lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Goat Anti-RASSF7 / HRAS1 Antibody - References

Human RASSF7 regulates the microtubule cytoskeleton and is required for spindle formation, Aurora B activation and chromosomal congression during mitosis. Recino A, et al. Biochem J, 2010 Sep 1. PMID 20629633.
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A systematic analysis of human CHMP protein interactions: additional MIT domain-containing proteins bind to multiple components of the human ESCRT III complex. Tsang HT, et al. Genomics, 2006 Sep. PMID 16730941.
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