

### **Goat Anti-RASSF3 Antibody**

Peptide-affinity purified goat antibody Catalog # AF1915a

## **Specification**

# **Goat Anti-RASSF3 Antibody - Product Information**

Application WB
Primary Accession Q86WH2

Other Accession NP 835463, 283349

Reactivity
Host
Clonality
Polyclonal
Concentration
Concent

Isotype IgG
Calculated MW 27562

# **Goat Anti-RASSF3 Antibody - Additional Information**

#### Gene ID 283349

### **Other Names**

Ras association domain-containing protein 3, RASSF3

### **Format**

0.5 mg lgG/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-RASSF3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

# **Goat Anti-RASSF3 Antibody - Protein Information**

### Name RASSF3

#### **Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton. Note=Localized to microtubules in vascular endothelial cells

## **Tissue Location**

Widely expressed..

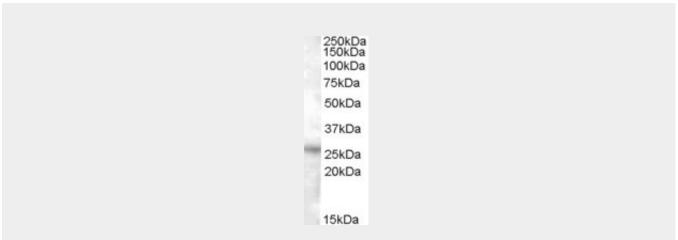


# Goat Anti-RASSF3 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# Goat Anti-RASSF3 Antibody - Images



AF1915a (0.5  $\mu$ g/ml) staining of Heart lysate (35  $\mu$ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

## Goat Anti-RASSF3 Antibody - Background

The RAS oncogene (MIM 190020) is mutated in nearly one-third of all human cancers. Members of the RAS superfamily are plasma membrane GTP-binding proteins that modulate intracellular signal transduction pathways. A subfamily of RAS effectors, including RASSF3, share a RAS association (RA) domain.

# **Goat Anti-RASSF3 Antibody - References**

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.

Rassf3 is responsible in part for resistance to mammary tumor development in neu transgenic mice. Jacquemart IC, et al. Int J Oncol, 2009 Feb. PMID 19148488.

Local activation of Rap1 contributes to directional vascular endothelial cell migration accompanied by extension of microtubules on which RAPL, a Rap1-associating molecule, localizes. Fujita H, et al. J Biol Chem, 2005 Feb 11. PMID 15569673.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.