

**Goat Anti-RASSF6 Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF1916a****Specification**

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**Goat Anti-RASSF6 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q6ZTQ3</a>
Other Accession	<a href="#">NP_958834</a> , <a href="#">166824</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	43384

**Goat Anti-RASSF6 Antibody - Additional Information****Gene ID** 166824**Other Names**

Ras association domain-containing protein 6, RASSF6

**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-RASSF6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-RASSF6 Antibody - Protein Information****Name** RASSF6**Function**

Involved in the induction of apoptosis, through both caspase- dependent and caspase-independent pathways. May act as a Ras effector protein. May suppress the serum-induced basal levels of NF-kappa-B (By similarity).

**Tissue Location**

Highest expression in thymus, kidney and placenta. Also detected in colon, small intestine and lung. Tends to be down- regulated in 30-60% of tumors derived from breast, colon, kidney liver,

rectum, pancreas, stomach and the thyroid gland compared to the normal counterpart.

### Goat Anti-RASSF6 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 Cytometry](#)
- [Cell Culture](#)

### Goat Anti-RASSF6 Antibody - Images



AF1916a (1 µg/ml) staining of HepG2 cell lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Goat Anti-RASSF6 Antibody - Background

RASSF6 is a member of the RAS association (RA) domain family of RAS effectors/tumor suppressors that mediate some of the growth inhibitory properties of RAS (see HRAS; MIM 190020) oncogenes (Eckfeld et al., 2004 [PubMed 15574778]).

### Goat Anti-RASSF6 Antibody - References

Hippo pathway-dependent and -independent roles of RASSF6. Ikeda M, et al. Sci Signal, 2009 Sep 29. PMID 19797269.

The novel RASSF6 and RASSF10 candidate tumour suppressor genes are frequently epigenetically inactivated in childhood leukaemias. Hesson LB, et al. Mol Cancer, 2009 Jul 1. PMID 19570220.

Modulation of cystic fibrosis lung disease by variants in interleukin-8. Hillian AD, et al. Genes Immun, 2008 Sep. PMID 18563170.

RASSF6 is a novel member of the RASSF family of tumor suppressors. Allen NP, et al. Oncogene, 2007 Sep 13. PMID 17404571.

Ras-association domain family protein 6 induces apoptosis via both caspase-dependent and caspase-independent pathways. Ikeda M, et al. Exp Cell Res, 2007 Apr 15. PMID 17367779.