

# RASSF1 rabbit monoclonal antibody

Catalog # H00011186-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human RASSF1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human RASSF1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human RASSF1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — RASSF1

Entrez GeneID	<a href="#">11186</a>
GeneBank Accession#	<a href="#">RASSF1</a>
Gene Name	RASSF1
Gene Alias	123F2, NORE2A, RASSF1A, RDA32, REH3P21
Gene Description	Ras association (RalGDS/AF-6) domain family member 1
Omim ID	<a href="#">211980 605082</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a protein similar to the RAS effector proteins. Loss or altered expression of this gene has been associated with the pathogenesis of a variety of cancers, which suggests the tumor suppressor function of this gene. The inactivation of this gene was found to be correlated with the hypermethylation of its CpG-island promoter region. The encoded protein was found to interact with DNA repair protein XPA. The protein was also shown to inhibit the accumulation of cyclin D 1, and thus induce cell cycle arrest. Seven alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]
Other Designations	OTTHUMP00000195503 Ras association (RalGDS/AF-6) domain family 1 Ras association domain family 1 Ras association domain family protein 1 WUGSC:H_LUCA12.5 cardiac-specific ras association domain family 1 protein pancreas-specific ras association domain fam

## Pathway

- [Bladder cancer](#)
- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)

## Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Fibroadenoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)