

Datasheet for ABIN673764  
**anti-RASSF1 antibody (AA 145-260)**

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## Overview

Quantity:	100 µL
Target:	RASSF1
Binding Specificity:	AA 145-260
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASSF1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RASSF1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow, Sheep, Horse
Purification:	Purified by Protein A.

## Target Details

Target:	RASSF1
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## Target Details

Alternative Name:	RASSF1 ( <a href="#">RASSF1 Products</a> )
Background:	<p>Synonyms: 123F2, RDA32, NORE2A, RASSF1A, REH3P21, Ras association domain-containing protein 1, RASSF1</p> <p>Background: Potential tumor suppressor. Required for death receptor-dependent apoptosis. Mediates activation of STK3/MST2 and STK4/MST1 during Fas-induced apoptosis by preventing their dephosphorylation. When associated with MOAP1, promotes BAX conformational change and translocation to mitochondrial membranes in response to TNF and TNFSF1 stimulation. Isoform A interacts with CDC2, an activator of the anaphase-promoting complex, APC, resulting in the inhibition of APC activity and mitotic progression. Inhibits proliferation by negatively regulating cell cycle progression at the level of G1/S-phase transition by regulating accumulation of cyclin D1 protein. Isoform C has been shown not to perform these roles, no function has been identified for this isoform. Isoform A disrupts interactions among MDM2, DAXX and USP7, thus contributing to the efficient activation of TP53 by promoting MDM2 self-ubiquitination in cell-cycle checkpoint control in response to DNA damage.</p>
Gene ID:	11186
UniProt:	<a href="#">Q9NS23</a>

## Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

## Handling

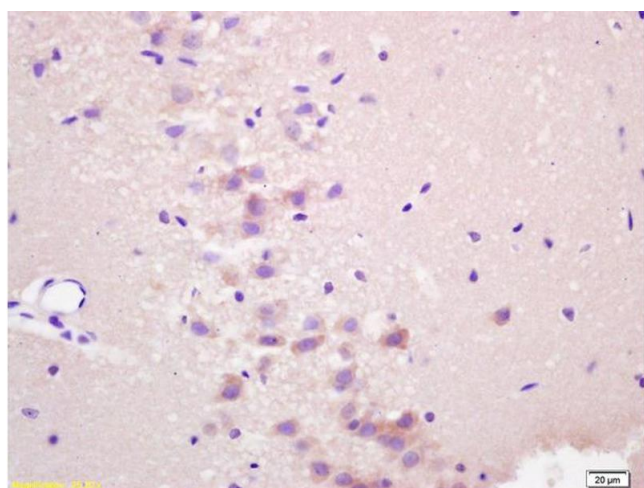
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Publications

Product cited in: Klacz, Wierzbicki, Wronska, Rybarczyk, Stanislawowski, Slebioda, Olejniczak, Matuszewski, Kmiec: "Decreased expression of RASSF1A tumor suppressor gene is associated with worse prognosis in clear cell renal cell carcinoma." in: **International journal of oncology**, Vol. 48, Issue 1, pp. 55-66, (2015) ([PubMed](#)).

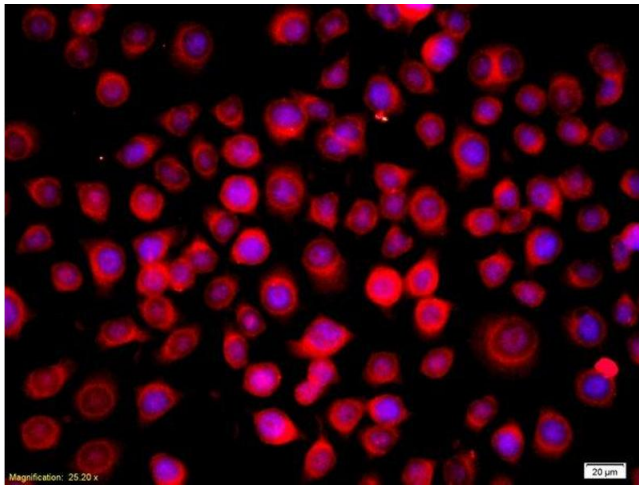
Liu, Ao, Zhou, Cui, Zhou, Yuan, Xiang, Cao, Liu: "CpG island hypermethylation of multiple tumor suppressor genes associated with loss of their protein expression during rat lung carcinogenesis induced by 3-methylcholanthrene and diethylnitrosamine." in: **Biochemical and biophysical research communications**, Vol. 402, Issue 3, pp. 507-14, (2010) ([PubMed](#)).

## Images



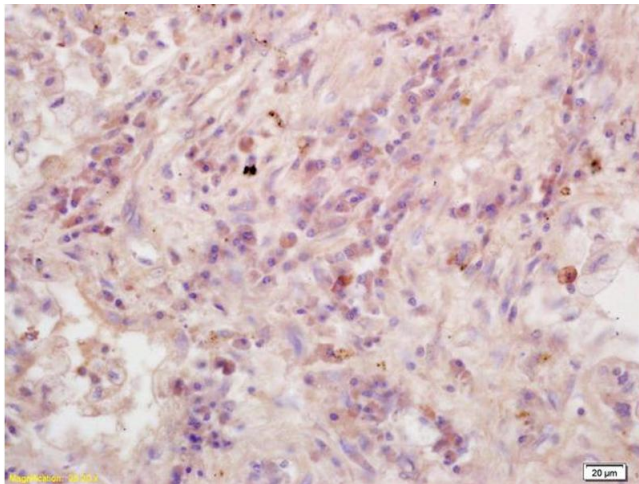
### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-RASSF1A Polyclonal Antibody, Unconjugated (ABIN673764) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



### Immunofluorescence

**Image 2.** Formalin-fixed and paraffin-embedded human oral squamous cell labeled with Anti-RASSF1A Polyclonal Antibody, Unconjugated (ABIN673764) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, PE conjugated used at 1:200 dilution for 40 minutes at 37°C.



### Immunohistochemistry

**Image 3.** Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-RASSF1A Polyclonal Antibody, Unconjugated (ABIN673764) at 1:200 followed by conjugation to the secondary antibody and DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN673764.