

Datasheet for ABIN532916  
**anti-RASSF1 antibody (AA 1-340)**[2 Images](#)[3 Publications](#)[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	RASSF1
Binding Specificity:	AA 1-340
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RASSF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

## Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant RASSF1.
Immunogen:	Recombinant protein corresponding to amino acids 1-340 of human RASSF1.
Clone:	3F3
Isotype:	IgG1
Cross-Reactivity:	Human

## Target Details

Target:	RASSF1
Alternative Name:	RASSF1 ( <a href="#">RASSF1 Products</a> )
Gene ID:	11186

## Application Details

Application Notes: Western Blot (1:500-1:2000)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In PBS, pH 7.4 (10 % glycerol, 0.02 % sodium azide).

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

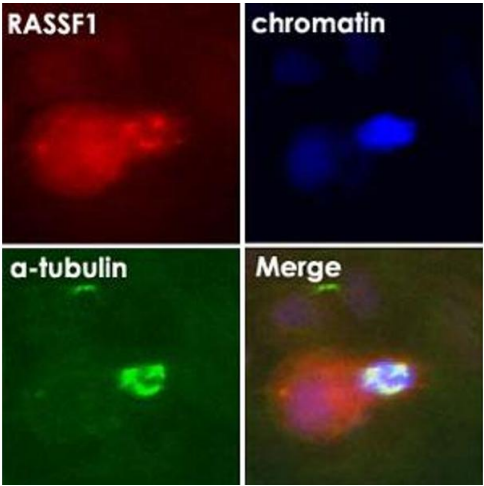
Storage Comment: Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Publications

Product cited in: Chiu, Chim, Wong, Wong, Lee, To, Tong, Yuen, Shum, Chan, Chan, Yuen, Tong, Weier, Ferlatte, Leung, Lau, Lo, Lo: "Hypermethylation of RASSF1A in human and rhesus placentas." in: **The American journal of pathology**, Vol. 170, Issue 3, pp. 941-50, (2007) ([PubMed](#)).

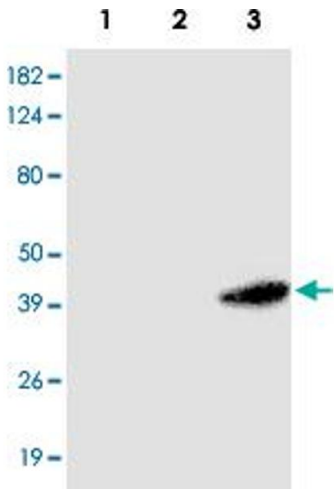
Dammann, Schagdarsurengin, Seidel, Strunnikova, Rastetter, Baier, Pfeifer: "The tumor suppressor RASSF1A in human carcinogenesis: an update." in: **Histology and histopathology**, Vol. 20, Issue 2, pp. 645-63, (2005) ([PubMed](#)).

Strunnikova, Schagdarsurengin, Kehlen, Garbe, Stampfer, Dammann: "Chromatin inactivation precedes de novo DNA methylation during the progressive epigenetic silencing of the RASSF1A promoter." in: **Molecular and cellular biology**, Vol. 25, Issue 10, pp. 3923-33, (2005) ([PubMed](#)).



### Immunocytochemistry

**Image 1.** Immunocytochemistry of A-431 cells were labeled with RASSF1 monoclonal antibody , clone 3F3 , and detection was using a biotinylated secondary antibody and Texas - red conj streptavidin.



### Western Blotting

**Image 2.** Western blot analysis of HEK 293 (1) , A - 549 (2) and HeLa (3) cells extracts were resolved by SDS - PAGE , transferred to PVDF membrane and probed with RASSF1 monoclonal antibody , clone 3F3 (1 : 1000) . Proteins were visualized using a goat anti - mouse secondary antibody conjugated to HRP and a ECL detection system.