

Datasheet for ABIN1537724
anti-RASSF1 antibody (AA 103-132)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	RASSF1
Binding Specificity:	AA 103-132
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASSF1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This RASSF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-132 amino acids from the Central region of human RASSF1.
Clone:	RB22967
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RASSF1
Alternative Name:	RASSF1 (RASSF1 Products)
Background:	This gene encodes a protein similar to the RAS effector proteins. Loss or altered expression of

Target Details

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 D1, and thus induce cell cycle arrest. Seven alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Molecular Weight: 39219

Gene ID: 11186

NCBI Accession: [NP_001193886](#), [NP_009113](#), [NP_733830](#), [NP_733831](#), [NP_733832](#)

UniProt: [Q9NS23](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

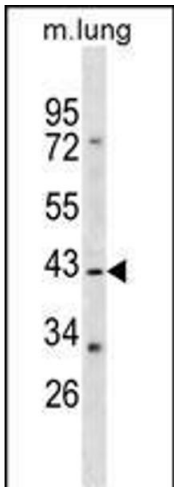
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

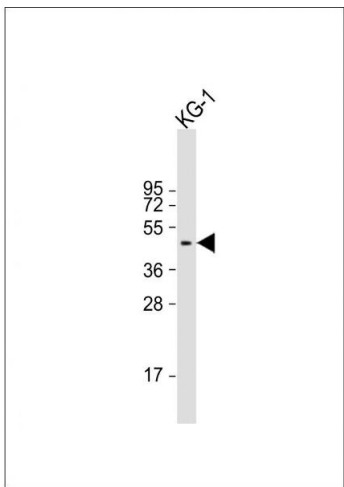
Storage Comment: RASSF1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. RASSF1 Antibody (Center) (ABIN1537724 and ABIN2849403) western blot analysis in mouse lung tissue lysates (35 µg/lane). This demonstrates the RASSF1 antibody detected the RASSF1 protein (arrow).



Western Blotting

Image 2. Anti-RASSF1 Antibody (Center) at 1:2000 dilution + KG-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 39 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.