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Datasheet for ABIN783486

## anti-RASSF10 antibody (N-Term)

1 Image

1 Publication

### Overview

Quantity:	0.1 mg
Target:	RASSF10
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASSF10 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

### Product Details

Immunogen:	17 amino acid peptide near the amino terminus of human RASSF10
Specificity:	This antibody detects RASSF10 at N-term. RASSF10 antibody will not cross-react with other RAS association domain-containing family members.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Affinity chromatography purified via peptide column

### Target Details

Target:	RASSF10
Alternative Name:	RASSF10 ( <a href="#">RASSF10 Products</a> )
Background:	RASSF10 is a member of the N-terminal Ras association domain-containing family of proteins,

## Target Details

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a family of tumor suppressor genes that are frequently epigenetically inactivated in cancer. These proteins consist of RASSF7-10 and are structurally distinct from RASSF1-6, containing the N-terminal Ras association domain but lacking the Sav/RASSF/Hippo protein interaction domains. While little is known of the function of RASSF10, it is inactivated in both childhood leukemia and gliomas. In secondary glioblastomas, RASSF10 methylation can be used as an independent prognostic associated with worst progression-free survival and overall survival. Synonyms: Ras association domain-containing protein 10

Gene ID: 644943

NCBI Accession: [NP\\_001073990](#)

UniProt: [A6NK89](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Buffer: PBS containing 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.

Handling Advice: Avoid repeated freezing and thawing.

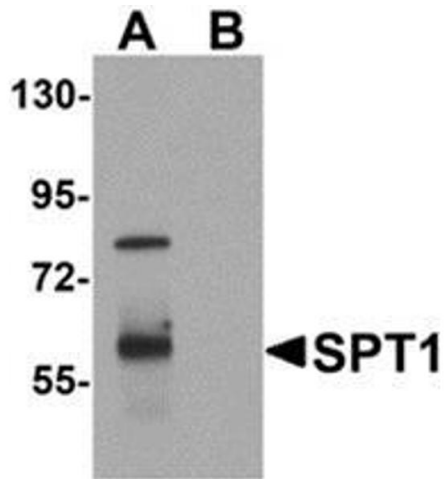
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.

## Publications

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Product cited in: Sherwood, Manbodh, Sheppard, Chalmers: "RASSF7 is a member of a new family of RAS association domain-containing proteins and is required for completing mitosis." in: **Molecular biology of the cell**, Vol. 19, Issue 4, pp. 1772-82, (2008) ([PubMed](#)).



### Western Blotting

**Image 1.** Western blot analysis of RASSF10 in human lung tissue lysate with RASSF10 antibody at 1  $\mu\text{g/ml}$