

# RASSF7 Polyclonal antibody

Catalog Number: 21753-1-AP

## Basic Information

**Catalog Number:**

21753-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG16123

**GenBank Accession Number:**

BC106921

**GeneID (NCBI):**

8045

**UNIPROT ID:**

Q02833

**Full Name:**

Ras association (RalGDS/AF-6)  
domain family (N-terminal) member  
7

**Calculated MW:**

373 aa, 40 kDa

**Observed MW:**

40 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Species Specificity:**

human, Rat

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

**Positive Controls:**

WB : HL-60 cells, HepG2 cells, PC-12 cells

IHC : human lung cancer tissue, human thyroid cancer  
tissue

## Background Information

RASSF7, previously known as HRC1 (HRAS1 cluster 1) and C11orf13, is a member of the N-terminal RASSF family. RASSF7 protein localises to the centrosome and plays a key role in mitosis. RASSF7 is expressed in a broad range of different cell types and that this expression could be enhanced following exposure to hypoxia. RASSF7 has three isoforms with the MW 40 kDa, 36 kDa and 35 kDa.

## Storage

**Storage:**

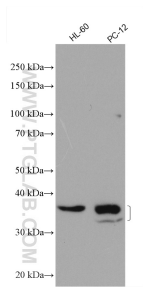
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

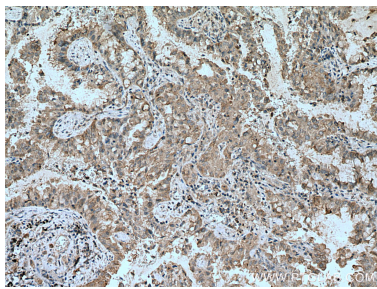
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

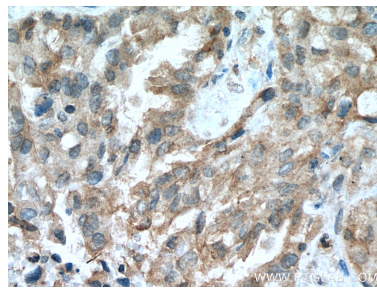
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21753-1-AP (RASSF7 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 21753-1-AP (RASSF7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 21753-1-AP (RASSF7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).