



RASSF2 Polyclonal Antibody

Catalog No	YP-Ab-16229
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	RASSF2
Immunogen	The antiserum was produced against synthesized peptide derived from human RASSF2. AA range:109-158
Specificity	RASSF2 Polyclonal Antibody detects endogenous levels of RASSF2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CENP 34;Centromere protein 34;Ras association (RalGDS/AF 6) domain family 2;Ras association (RalGDS/AF-6) domain family member 2;Ras association domain containing protein 2;Ras association domain-containing protein 2; RASF2_HUMAN;RASFADIN;RASSF2;RP4-599I11.1;KIAA0168
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Nucleus. Cytoplasm. Chromosome, centromere, kinetochore . Translocates to the cytoplasm in the presence of STK3/MST2 AND STK4/MST1.
Tissue Specificity	Widely expressed with highest levels in brain, placenta, peripheral blood and lung. Frequently down-regulated in lung tumor cell lines.
Function	function:Potential tumor suppressor. Acts as a KRAS-specific effector protein. May promote apoptosis and cell cycle arrest.,similarity:Contains 1 Ras-associating domain.,similarity:Contains 1 SARAH domain.,subunit:Interacts directly with activated KRAS in a GTP-dependent manner.,tissue specificity:Widely expressed with highest levels in brain, placenta, peripheral blood and lung. Frequently down-regulated in lung tumor cell lines.,



Background

This gene encodes a protein that contains a Ras association domain. Similar to its cattle and sheep counterparts, this gene is located near the prion gene. Two alternatively spliced transcripts encoding the same isoform have been reported. [provided by RefSeq, Jul 2008],

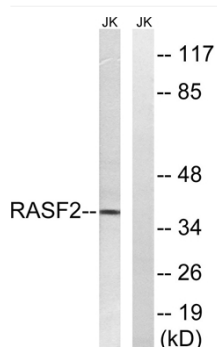
matters needing attention

Avoid repeated freezing and thawing!

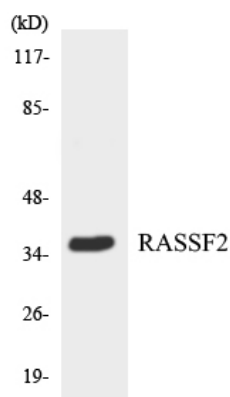
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

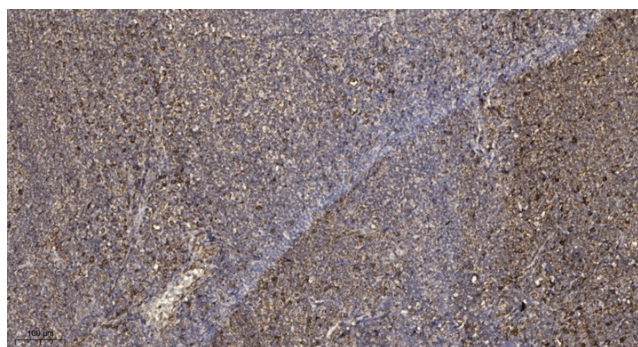
Products Images



Western blot analysis of lysates from Jurkat cells, using RASSF2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using RASSF2 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).