

Anti-RASSF7 antibody



Description	Rabbit polyclonal to RASSF7.
Model	STJ95379
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human RASSF7
Immunogen Region	130-210 aa, Internal
Gene ID	8045
Gene Symbol	RASSF7
Dilution range	IHC 1:100-1:300ELISA 1:5000
Specificity	RASSF7 Polyclonal Antibody detects endogenous levels of RASSF7 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ras association domain-containing protein 7 HRAS1-related cluster protein 1
Molecular Weight	39.945 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11660MIM:143023
Alternative Names	Ras association domain-containing protein 7 HRAS1-related cluster protein 1
Function	Negatively regulates stress-induced JNK activation and apoptosis by promoting MAP2K7 phosphorylation and inhibiting its ability to activate JNK. Following prolonged stress, anti-apoptotic effect stops because of degradation of RASSF7 protein via the ubiquitin-proteasome pathway. Required for the activation of AURKB and chromosomal congression during mitosis where it stimulates microtubule polymerization.
Cellular Localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Colocalizes with gamma-tubulin.
Post-translational Modifications	Polyubiquitinated and degraded by the proteasome upon prolonged stress stimuli.

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