



Mouse Rassf1 blocking peptide (CDBP2485)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Rassf1 (mouse) antibody
Antigen Description	This gene encodes a protein similar to the RAS effector proteins. Loss or altered expression of 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. Several alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, May 2011]
Species	Mouse
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	Rassf1 Ras association (RalGDS/AF-6) domain family member 1 [Mus musculus]
Official Symbol	Rassf1

Synonyms	RASSF1; Ras association (RalGDS/AF-6) domain family member 1; ras association domain-containing protein 1; 123F protein; protein 123F2; RASSF1A tumor suppressor; Ras association (RalGDS/AF-6) domain family 1; 123F2; RDA32; NORE2A; REH3P21; Rassf1A; Rassf1B; Rassf1C; AA536941; AU044980;
Entrez Gene ID	56289
mRNA Refseq	NM_001243748
Protein Refseq	NP_001230677
Pathway	Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Non-small cell lung cancer, organism-specific biosystem; Non-small cell lung cancer, conserved biosystem; Pathways in cancer, organism-specific biosystem;
Function	identical protein binding; metal ion binding; protein N-terminus binding; protein binding;