



Human RAB8A blocking peptide (CDBP2453)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RAB8A antibody
Antigen Description	The protein encoded by this gene is a member of the RAS superfamily which are small GTP/GDP-binding proteins with an average size of 200 amino acids. The RAS-related proteins of the RAB/YPT family may play a role in the transport of proteins from the endoplasmic reticulum to the Golgi and the plasma membrane. This protein shares 97%, 96%, and 51% similarity with the dog RAB8, mouse MEL, and mouse YPT1 proteins, respectively and contains the 4 GTP/GDP-binding sites that are present in all the RAS proteins. The putative effector-binding site of this protein is similar to that of the RAB/YPT proteins. However, this protein contains a C-terminal CAAX motif that is characteristic of many RAS superfamily members but which is not found in YPT1 and the majority of RAB proteins. Although this gene was isolated as a transforming gene from a melanoma cell line, no linkage between MEL and malignant melanoma has been demonstrable. This oncogene is located 800 kb distal to MY09B on chromosome 19p13.1. [provided by RefSeq, Jul 2008]
Nature	Synthetic
Expression System	N/A
Species	Human
Species Reactivity	Human, Cow, Dog
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Procedure	None
Format	Lyophilized powder
Size	100 µg

Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name	RAB8A RAB8A, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB8A
Synonyms	RAB8A; RAB8A, member RAS oncogene family; MEL, mel transforming oncogene (derived from cell line NK14); ras-related protein Rab-8A; RAB8; oncogene c-mel; ras-associated protein RAB8; mel transforming oncogene (RAB8 homolog); mel transforming oncogene (derived from cell line NK14); mel transforming oncogene (derived from cell line NK14)- RAB8 homolog; MEL;
Entrez Gene ID	4218
mRNA Refseq	NM_005370
Protein Refseq	NP_005361
UniProt ID	P61006
Chromosome Location	19p13.2-p13.1
Pathway	Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem;
Function	GTP binding; nucleotide binding; protein binding;