
Product Information

Product SKU:	CAB2810	Gene ID:	4218	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	25kDa	Conjugate:	Unconjugated
Calculated MW:	24kDa	Isotype:	IgG

Immunogen Information

Background:	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.
Recommended Dilution:	WB, 1:500 - 1:1000
Synonyms:	MEL; RAB8; RAB8A
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-207 of human RAB8A (NP_005361.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.