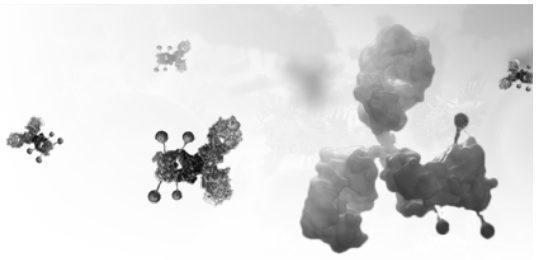

Rabbit Anti-RAB5A monoclonal antibody, clone TU58-15 (CABT-L664)

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

PRODUCT INFORMATION

Target	Rab5
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TU58-15
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Molecular Weight	24 kDa
Cellular Localization	Cell membrane, Cytoplasm, Cell projection, Membrane.
Positive Control	MCF-7, Hela, mouse brain tissue, mouse prostate tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The Ras-related superfamily of guanine nucleotide binding proteins, which includes the R-Ras, Rap, Ral/Rec and Rho/Rab subfamilies, exhibit 30-60% homology with Ras p21. Accumulating data suggests an important role for Rab proteins, either in endocytosis or in biosynthetic protein transport. The transport of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles, a process that appears to involve Rab protein function. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the Sec4 protein, which is 40% homologous to Rab proteins, is associated with secretory vesicles. At least eight members of the Rab subfamily have been identified, each of which is found at a particular stage of a membrane transport pathway.
Keywords	RAB 5;RAB 5A;RAB5A;RAB5A member RAS oncogene family;RAB5A_HUMAN;RAS associated protein RAB5A;Ras related protein Rab 5A;Ras-related protein Rab-5A antibody

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