



## Rabbit Anti-RAB40A antibody

SL8366R

<b>Product Name:</b>	RAB40A
<b>Chinese Name:</b>	RAS癌基因家族蛋白RAB40A抗体
<b>Alias:</b>	Protein Rar 2; RAB40A, member RAS oncogene family; Rar 2; RAR2A; Ras related protein Rab 40A; SOCS box containing protein RAR2A; RB40A HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Cow,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	31kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human RAB40A:171-277/277
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The Ras-related superfamily of guanine nucleotide binding proteins includes the R-Ras, Rap, Ral/Rec and Rho/Rab subfamilies all of which are thought to play an important role in either endocytosis or in biosynthetic protein transport. The process of transporting newly synthesized proteins from the endoplasmic reticulum (ER) to various stacks of the Golgi complex and to secretory vesicles involves the movement of carrier vesicles and requires Rab protein function. Rab proteins are also an integral part of

endocytic pathways. Rab 40A, Rab 40B and Rab 40C each contain one SOCS box domain and are members of the Rab subfamily of GTPases. Localized to the cytoplasmic side of the cell membrane, Rab 40A, Rab 40B and Rab 40C are thought to function as substrate-recognition components of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin ligase complex that functions to mediate the degradation of target proteins.

**Function:**

May be a substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity).

**Subcellular Location:**

Cell membrane; Lipid anchor; Cytoplasmic side (Potential).

**Similarity:**

Belongs to the small GTPase superfamily. Rab family.  
Contains 1 SOCS box domain.

**SWISS:**

Q8WXH6

**Gene ID:**

142684

**Database links:**

[Entrez Gene: 142684](#)Human

[SwissProt: Q8WXH6](#)Human

[Unigene: 706904](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.