

Rab8A Rabbit mAb

Catalog No: #52016



Package Size: #52016-1 50ul #52016-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

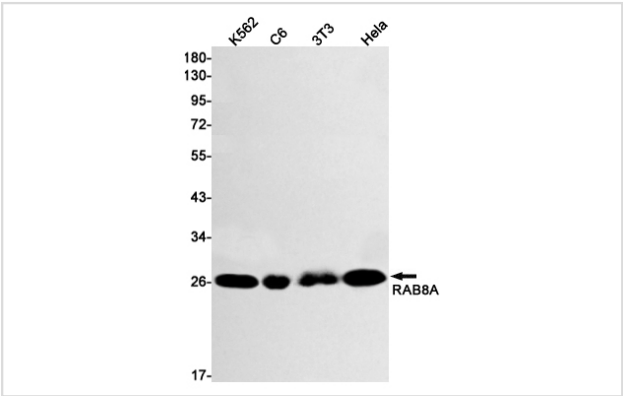
Description

Product Name	Rab8A Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S06-8A7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human RAB8A
Conjugates	Unconjugated
Modification	Unmodification
Other Names	RAB8A, member RAS oncogene family;MEL; RAB8
Accession No.	Swiss-Prot:P61006GenelD:4218
Uniprot	P61006
GenelD	4218
Calculated MW	Calculated MW: 24 kDa; Observed MW: 24 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

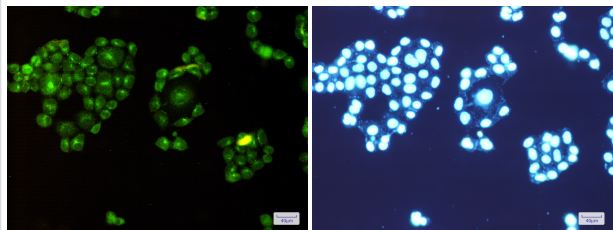
Application Details

WB: 1/1000-1/5000; IHC: 1/50-1/200; ICC/IF: 1/50;

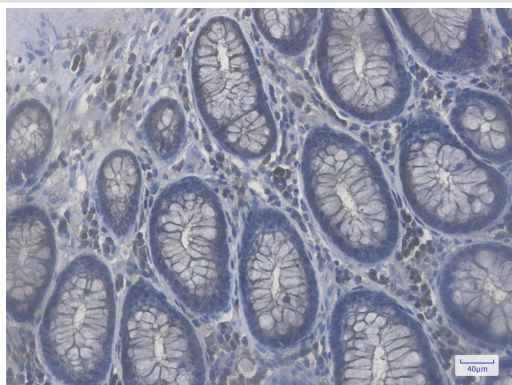
Images



Western blot detection of RAB8A in K562,C6,3T3,Hela cell lysates using RAB8A Rabbit mAb(1:1000 diluted).Predicted band size:24kDa.Observed band size:24kDa.



Immunofluorescence of Rab8A(green) in HeLa cells using Rab8A Rabbit mAb at dilution 1/200, and DAPI(blue)



Immunohistochemistry of RAB8A in paraffin-embedded Human colon cancer tissue using RAB8A Rabbit mAb at dilution 1/1

## Background

Swiss-Prot Acc.P61006. The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab is involved in polarized vesicular trafficking and neurotransmitter release. Together with RAB11A, RAB3IP, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis (PubMed:20890297).

Note: This product is for in vitro research use only