RAB5 polyclonal antibody

The Rab family of GTP-binding proteins are members of the Ras superfamily of small G proteins, and participate in multiple steps of the membrane trafficking. Rab3A participates in the fusion of synaptic vesicles during neurotransmitter release, a process regulated by GDP/GDP exchange cofactors such as GAP, GDI, GRF, and rabphilin. Rab4 regulates recycling of proteins from the early endosome to the surface of many cell types, regulating glucose transporter and transferrin receptor cell surface localization. Rab5 regulates the fusion of plasma membrane-derived clathrin-coated vesicles with early endosomes and homotypic fusion among early endosomes.

This antibody is covered by our Worry-Free Guarantee.

Citations: 4 View Online »

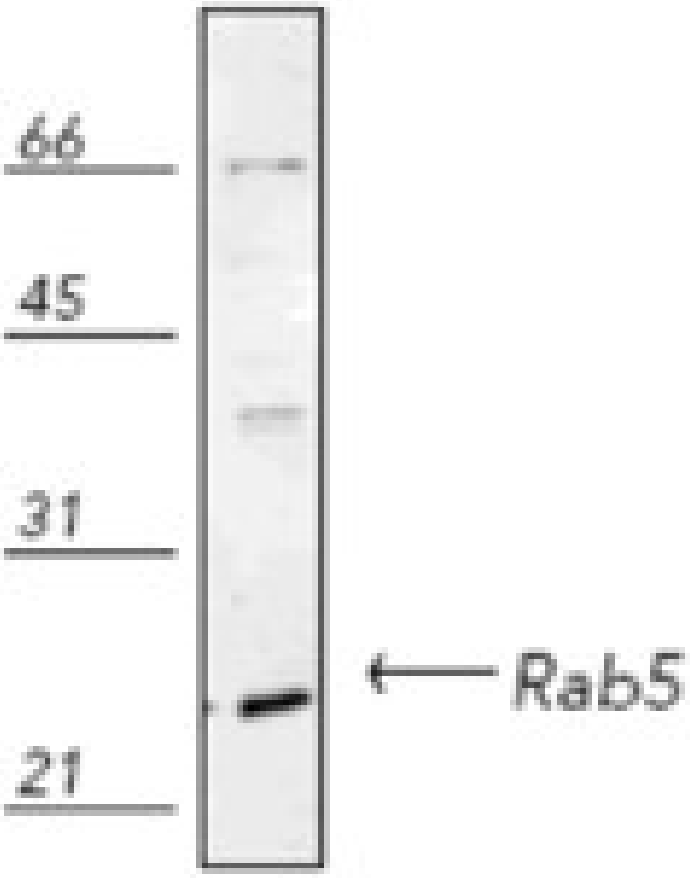
Ordering Information

Order Online »

ADI-KAP-GP006-E	100µg

Manuals, SDS & CofA

View Online »



Western blot analysis of human HeLa (heat shocked) cell lysate, probed with Rab5 pAb.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Ras-related protein Rab-5
Application	ICC, IHC, WB
Application Notes	Detects a band of ~26kDa by Western blot.
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
GenBank ID	M35520 (dog)
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of human Rab5. The sequence is completely conserved in dog.
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Dog, Guinea pig, Hamster, Human, Monkey, Mouse, Rat
UniProt ID	P20339 (human), P18066 (dog)
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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