

Anti-Ras-related protein Rab-8A RAB8A Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PA2280-Fluoro550

About RAB8A

Ras-related protein Rab-8A is a protein that in humans is encoded by the RAB8A gene. It is mapped to 19p13.12. 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. RAB8A regulates cilia assembly by targeting and promoting fusion of vesicles near the ciliary membrane. This gene requires CEP290 for centrosome localization and that CEP290 regulates entry of RAB8A into the cilium during assembly of this organelle. RAB8A has been shown to interact with Optineurin and MAP4K2.

Overview

Product Name	Anti-Ras-related protein Rab-8A RAB8A Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P61006

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human RAB8A, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550

	Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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