

Datasheet for ABIN1390207
anti-RAB11A antibody (Biotin)



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Overview

Quantity:	100 µL
Target:	RAB11A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB11A antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Rab11A
Isotype:	IgG
Purification:	Purified by Protein A.

Target Details

Target:	RAB11A
Alternative Name:	Rab11a (RAB11A Products)
Background:	<p>Rab11a, Rab11b and Rab25 are members of the Rab11 family of small Ras-like GTPases. Rab11 (isoforms Rab11a and Rab11b) functions as a key regulator in the recycling of perinuclear, plasma membrane and Golgi compartment endosomes (1,2). Despite some overlap, distinct differences exist between Rab11a and Rab11b in both their cellular distribution and functional roles. Rab11a is ubiquitously expressed while Rab11b is found mainly in the</p>

Target Details

heart and brain (3,4). Like other Rab proteins, Rab11 exerts its function via interactions with Rab11 family interacting proteins (FIPs). While there are three distinct classes of FIPs, all appear to share a conserved carboxy-terminal Rab-binding domain that allows Rab-FIP protein interaction. When bound together, these proteins are thought to regulate membrane-associated protein sorting (5,6).

Synonyms: Rab 11, Rab11A, Rab-11A, RAB 11A member oncogene family, Rab-11, RAB11 A, RAB11, RAB11A, RAB11A member RAS oncogene family, Ras related protein Rab 11A, Ras related protein Rab11A, Ras-related protein Rab-11A, RB11A_HUMAN, YL 8, YL8, MGC1490.

Pathways: [Regulation of Cell Size](#), [Thromboxane A2 Receptor Signaling](#), [Regulation of long-term Neuronal Synaptic Plasticity](#)

Application Details

Application Notes: WB: (1:100-1000), IHC-P: (1:100-500)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 100 µg/mL BSA, 50 % glycerol and 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at 4 °C for 12 months.
Expiry Date:	12 months