

Product Datasheet

RAB11A Antibody

Catalog No: CY5301

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IP



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Information

UniProt ID: P62491

All Names: MGC1490; Rab 11; Rab 11A; 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; YL 8; YL8;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 24 kDa

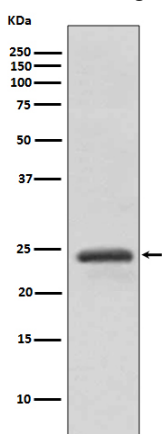
Application

WB: 1:1000~1:2000

IP : 1:30

Background

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 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).



Western blot analysis of extracts of HeLa cell lysate, using RAB11A antibody.

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