

Goat Anti-MYRIP / SLAC2C Antibody
Peptide-affinity purified goat antibody
Catalog # AF1705a

Specification

Goat Anti-MYRIP / SLAC2C Antibody - Product Information

Application	WB
Primary Accession	Q8NFW9
Other Accession	NP_056275 , 25924
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	95706

Goat Anti-MYRIP / SLAC2C Antibody - Additional Information

Gene ID 25924

Other Names

Rab effector MyRIP, Exophilin-8, Myosin-VIIa- and Rab-interacting protein, Synaptotagmin-like protein lacking C2 domains C, SlaC2-c, Slp homolog lacking C2 domains c, MYRIP, SLAC2C

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-MYRIP / SLAC2C Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-MYRIP / SLAC2C Antibody - Protein Information

Name MYRIP

Synonyms SLAC2C

Function

Rab effector protein involved in melanosome transport. Serves as link between melanosome-bound RAB27A and the motor proteins MYO5A and MYO7A. May link RAB27A-containing vesicles to actin filaments. Functions as a protein kinase A-anchoring protein (AKAP). May act as a scaffolding protein that links PKA to components of the exocytosis machinery,

thus facilitating exocytosis, including insulin release (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q8K3I4}. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q7TNY7} Cytoplasmic vesicle, secretory vesicle {ECO:0000250|UniProtKB:Q7TNY7} Note=In presynaptic and postsynaptic areas in photoreceptor cells and in the basal microvilli of retinal pigment epithelium cells. Associated with melanosomes. Colocalizes with actin filaments {ECO:0000250|UniProtKB:Q7TNY7}

Tissue Location

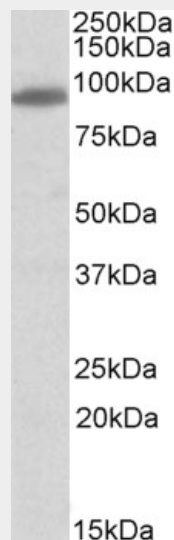
Detected in brain, skin, heart, adrenal medulla, pancreas, intestine, liver, kidney, muscle and testis

Goat Anti-MYRIP / SLAC2C Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-MYRIP / SLAC2C Antibody - Images



AF1705a (0.3 µg/ml) staining of Human Amygdala lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-MYRIP / SLAC2C Antibody - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.

Rab27a and MyRIP regulate the amount and multimeric state of VWF released from endothelial cells. Nightingale TD, et al. Blood, 2009 May 14. PMID 19270261.

Intramanchette transport during primate spermiogenesis: expression of dynein, myosin Va, motor

recruiter myosin Va, VIIa-Rab27a/b interacting protein, and Rab27b in the manchette during human and monkey spermiogenesis. Hayasaka S, et al. Asian J Androl, 2008 Jul. PMID 18478159.
Genome-wide association of sleep and circadian phenotypes. Gottlieb DJ, et al. BMC Med Genet, 2007 Sep 19. PMID 17903308.
MyRIP anchors protein kinase A to the exocyst complex. Goehring AS, et al. J Biol Chem, 2007 Nov 9. PMID 17827149.