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Datasheet for ABIN1387849  
**anti-MYRIP antibody (AA 101-200)**

### Overview

Quantity:	100 µL
Target:	MYRIP
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYRIP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MYRIP/SLAC2-C
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	MYRIP
Alternative Name:	MYRIP/SLAC2-C ( <a href="#">MYRIP Products</a> )

## Target Details

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**Background:** Synonyms: exophilin 8, exophilin, Exophilin-8, Exophilin8, Myosin VIIA and Rab interacting protein, Myosin-VIIa- and Rab-interacting protein, MyRIP, MYRIP\_HUMAN, rab effector MYRIP, SLAC 2C, SLAC2 C, SLAC2-C, SLAC2C, Slp homolog lacking C2 domains c, Slp homologue lacking C2 domains, Slp homologue lacking C2 domains c antibody Synaptotagmin like protein homologue lacking C2 domains c, synaptotagmin-like protein homologue lacking C2 domains-c.

Background: Slac2-c is a Rab effector protein that is expressed in a variety of tissues including brain, heart, skin and liver. Found in the basal microvilli of retinal pigment cells and in pre- and post-synaptic areas in photoreceptor cells, Slac2-c is involved in melanosome transport and functions to link Rab 27a with the actin-based motor proteins Myosin Va and Myosin VIIa. Once linked, the Myosins are able to transport Rab 27a to retinal melanosomes, thereby linking the actin cytoskeleton with the melanosome membrane. Slac2-c contains one FYVE-type zinc finger and one Rab-binding domain and is able to bind actin-like proteins through its conserved C-terminal region. Additionally, Slac2-c is thought to regulate the final steps of insulin exocytosis by mediating the interaction of secretory granules with the cortical actin cytoskeleton.

**Pathways:** [Positive Regulation of Peptide Hormone Secretion](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

## Handling

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Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months