



## RAB11FIP1 Polyclonal Antibody

**Cat. No.: NHP-AB443**

**This product is for research use only and is not intended for diagnostic use.**

This product is an antibody that was generated by immunizing rabbit against recombinant fusion protein containing a sequence corresponding to amino acids 330-540 of human RAB11FIP1 (NP\_079427.4). It is used only in *in vitro* assays.

### Detailed Product Description

#### Introduction

RAB11FIP1, also known as Rab-coupling protein (RCP), is a 1283 amino acid Rab 11 effector protein. RAB11FIP1, by interacting with Rab GTPases, is involved in the endosomal recycling process and may play a role in controlling membrane trafficking along the phagocytic pathway and during phagocytosis. Localized to the recycling endosome, the cytoplasmic membrane and phagosome membranes, RAB11FIP1 is expressed as five isoforms produced by alternative splicing. As the most highly expressed isoform, isoform two of RAB11FIP1 is expressed in brain, lung, testis, small intestine, spleen and heart. Isoform two of RAB11FIP1 also has been found to form a homooligomer and is believed to interact with many Rab GTPases, including Rab 4A, Rab 11A, Rab 11B and Rab 25.

#### Conjugate

None

#### Antibody Isotype

IgG

#### Applications

WB

### Technical Specifications

#### Host Species

Rabbit

#### Species Reactivity

Human; Monkey; Mouse; Rat

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 330-540 of human RAB11FIP1 (NP\_079427.4)

### Product Property

<b>Purification</b>	Affinity purification
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
<b>Storage</b>	Store at -20°C. Avoid freeze-thaw cycles.

## Target Information

<b>Clonality</b>	Polyclonal
<b>Alternative Names</b>	CBBM; hCG_41347; Rab effector protein; Rab-coupling protein; Rab-interacting recycling protein; RAB11 coupling protein; RAB11 family interacting protein 1 (class I); Rab11 family-interacting protein 1; Rab11-FIP1
<b>Entrez Gene ID</b>	80223