

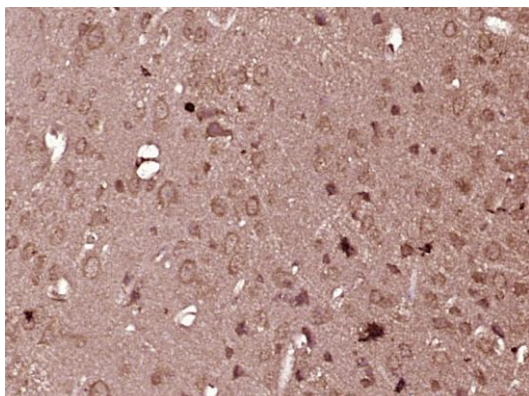
Catalog No. BN41936R

Rabbit Anti-RAB4 Polyclonal Antibody

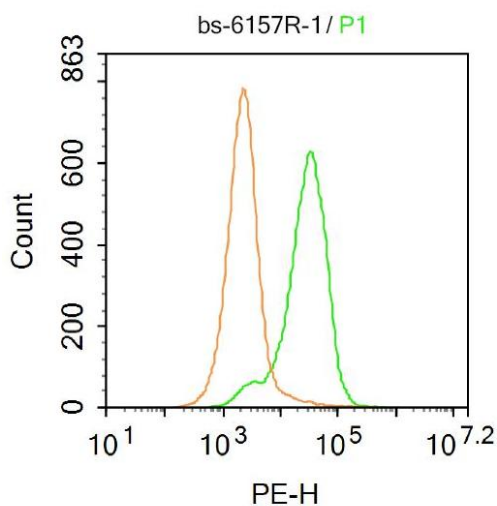
## DATASHEET

<b>Host:</b> Rabbit	<b>Size:</b> 50ul 100ul 200ul
<b>Target Protein:</b> RAB4	<b>Concentration:</b> 1mg/ml
<b>IR:</b> Immunogen Range:21-120/218	<b>Applications:</b> WB(1:500-2000)
<b>Clonality:</b> Polyclonal	ELISA(1:5000-10000)
<b>Isotype:</b> IgG	IHC-P(1:100-500)
<b>Entrez Gene:</b> <a href="#">5867</a>	IHC-F(1:100-500)
<b>Swiss Prot:</b> <a href="#">P20338</a>	Flow-Cyt(1ug/test)
<b>Source:</b> KLH conjugated synthetic peptide derived from human RAB4:21-120/218	IF(1:100-500)
<b>Purification:</b> affinity purified by Protein A	<b>Cross Reactive Species:</b> Human
<b>Storage:</b> 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.	Mouse
<b>Background:</b> RAB proteins, such as RAB4B, are members of the RAS superfamily of small GTPases that are involved in vesicular trafficking (He et al., 2002 [PubMed 12450215]).	Rat
	Chicken
	Dog
	Pig
	Cow
	Horse
	Rabbit
	Sheep
	Guinea Pig
	.
	For research use only. Not intended for diagnostic or therapeutic use.

## VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RAB4) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) instructions and DAB staining.



Blank control:A549.

Primary Antibody (green line): Rabbit Anti-RAB4 antibody

Dilution: 1 $\mu$ g /10<sup>6</sup> cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-PE

Dilution:1 $\mu$ g /test.

Protocol

The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 20% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.