



Rabbit Anti-Human RAB29 (Phospho T71) Monoclonal Antibody, clone NKG-S35-28-2 (CABT-Z620R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	NKG-S35-28-2
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, Dot Recommended dilution: WB: 1:500 Dot: 1:1000
Positive Control	WB: HEK-293 overexpressing HA-tagged RAB29 and LRRK2 whole cell lysate.
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, pH 7.2.

Preservative	0.01% Sodium azide
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	Rab GTPase key regulator in vesicle trafficking. Essential for maintaining the integrity of the endosome-trans-Golgi network structure. Together with LRRK2, plays a role in the retrograde trafficking pathway for recycling proteins, such as mannose 6 phosphate receptor (M6PR), between lysosomes and the Golgi apparatus in a retromer-dependent manner. Regulates neuronal process morphology in the intact central nervous system (CNS). May play a role in the formation of typhoid toxin transport intermediates during <i>Salmonella enterica</i> serovar Typhi (S.Typhi) epithelial cell infection.
Keywords	RAB29;Ras-related protein Rab-7L1;RAB7 member RAS oncogene family like 1;Rab 7 like protein 1;RAB 7L;Ras-related protein Rab-29;RAB7L1

GENE INFORMATION

Gene Name	RAB29
Entrez Gene ID	8934
UniProt ID	O14966