



# Rabbit Anti-Human RAB29 Monoclonal Antibody, clone NKG-S41-235 (CABT-Z619R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant fragment.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Clone</b>	NKG-S41-235
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IP Recommended dilution: WB: 1:1000 IP: 1:30
<b>Positive Control</b>	WB: Wild type A549, A549, HEK293T cells, HEK293T cells, wildtype C57BL6 mouse lung and Rab29 knock-out C57BL6 mouse lung lysates. IP: A549 cells.
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, pH 7.2.
<b>Preservative</b>	0.01% Sodium azide

<b>Storage</b>	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	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 Salmonella enterica serovar Typhi (S.Typhi) epithelial cell infection.
<b>Keywords</b>	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

<b>Gene Name</b>	RAB29
<b>Entrez Gene ID</b>	<a href="#">8934</a>
<b>UniProt ID</b>	<a href="#">O14966</a>