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Datasheet for ABIN5515092
anti-RAB43 antibody (C-Term)

Overview

Quantity:	100 µL
Target:	RAB43
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB43 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human RAB43
Sequence:	ETSAKDSSNV EEAFLRVATE LIMRHGGPLF SEKSPDHIQL NSKDIGEGWG
Characteristics:	This is a rabbit polyclonal antibody against RAB43. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	RAB43
Alternative Name:	RAB43 (RAB43 Products)
Background:	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive

Target Details

GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. The low intrinsic GTPase activity of RAB43 is activated by USP6NL. RAB43 is involved in retrograde transport from the endocytic pathway to the Golgi apparatus. Involved in the transport of Shiga toxin from early and recycling endosomes to the trans-Golgi network. Required for the structural integrity of the Golgi complex. It plays a role in the maturation of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis.

Alias Symbols: RAB41

Protein Size: 212

Gene ID: 339122

NCBI Accession: [NP_940892](#)

UniProt: [Q86YS6](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.