

ARG58245 anti-TRIM23 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TRIM23
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TRIM23
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-280 of Human TRIM23 (NP_001647.1).
Conjugation	Un-conjugated
Alternate Names	ARFD1; EC 6.3.2.-; RNF46; Tripartite motif-containing protein 23; E3 ubiquitin-protein ligase TRIM23; ARD1; ADP-ribosylation factor domain-containing protein 1; RING finger protein 46; GTP-binding protein ARD-1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	PC12	
Observed Size	64 kDa	

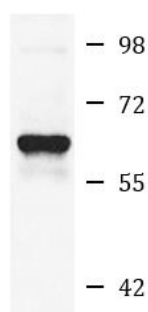
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	TRIM23
Gene Full Name	tripartite motif containing 23
Background	<p>The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein is also a member of the ADP ribosylation factor family of guanine nucleotide-binding family of proteins. Its carboxy terminus contains an ADP-ribosylation factor domain and a guanine nucleotide binding site, while the amino terminus contains a GTPase activating protein domain which acts on the guanine nucleotide binding site. The protein localizes to lysosomes and the Golgi apparatus. It plays a role in the formation of intracellular transport vesicles, their movement from one compartment to another, and phospholipase D activation. Three alternatively spliced transcript variants for this gene have been described. [provided by RefSeq, Jul 2008]</p>
Function	<p>Acts as an E3 ubiquitin-protein ligase. In the presence of the human cytomegalovirus (HCMV) protein UL144, participates in 'Lys-63'-linked auto-ubiquitination of TRAF6 resulting in the virally controlled activation of NF-kappa-B at early time of infection. The C-terminus can act as an allosteric activator of the cholera toxin catalytic subunit. [UniProt]</p>
Calculated Mw	64 kDa
Cellular Localization	Endomembrane system, Golgi apparatus membrane, Lysosome membrane. [UniProt]

Images



PC12

ARG58245 anti-TRIM23 antibody WB image

Western blot: 25 µg of PC12 cell lysate stained with ARG58245 anti-TRIM23 antibody at 1:1000 dilution.