

ARG45909 anti-MID2 / TRIM1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MID2 / TRIM1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MID2 / TRIM1
Species	Human
Immunogen	Synthetic peptide corresponding to middle region of human MID2 / TRIM1.
Conjugation	Un-conjugated
Alternate Names	Midline 2; RNF60; FXY2; RING finger protein 60; Probable E3 ubiquitin-protein ligase MID2; EC 6.3.2.-; Midline defect 2; MRX101; Midline-2; TRIM1; Tripartite motif-containing protein 1; Midin-2

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	83 kDa	

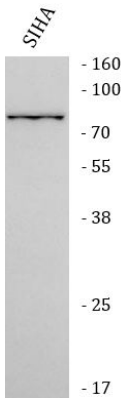
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
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 -22°C or below. 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

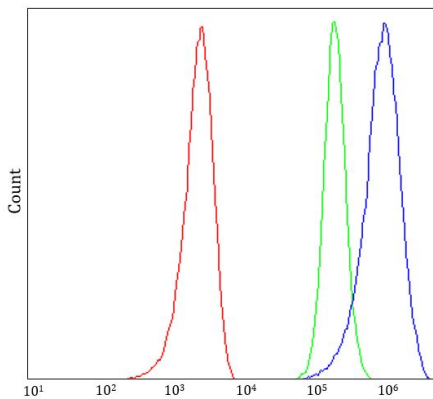
Gene Symbol	MID2
Gene Full Name	Midline 2
Background	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to microtubular structures in the cytoplasm. Alternate splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Feb 2009]
Function	E3 ubiquitin ligase that plays a role in microtubule stabilization. Mediates the 'Lys-48'-linked polyubiquitination of LRRK2 to drive its localization to microtubules and its proteasomal degradation in neurons. This ubiquitination inhibits LRRK2 kinase activation by RAB29 [UniProt]
Calculated Mw	83 kDa
PTM	Phosphorylated on serine and threonine residues. [UniProt]
Cellular Localization	Cytoplasm; Cytoskeleton; Microtubule. [UniProt]

Images



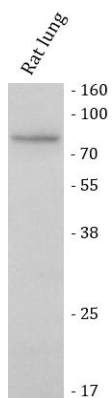
ARG45909 anti-MID2 / TRIM1 antibody WB image

Western blot: SIHA stained with ARG45909 anti-MID2 / TRIM1 antibody at 0.5 µg/ml dilution.



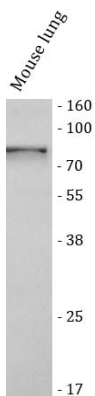
ARG45909 anti-MID2 / TRIM1 antibody FACS image

Flow Cytometry: MCF-7 stained with ARG45909 anti-MID2 / TRIM1 antibody at 1 µg/10⁶ cells dilution.



ARG45909 anti-MID2 / TRIM1 antibody WB image

Western blot: Rat lung stained with ARG45909 anti-MID2 / TRIM1 antibody at 0.5 $\mu\text{g/ml}$ dilution.



ARG45909 anti-MID2 / TRIM1 antibody WB image

Western blot: Mouse lung stained with ARG45909 anti-MID2 / TRIM1 antibody at 0.5 $\mu\text{g/ml}$ dilution.