Datasheet for ABIN7143951

anti-Chromosome 6 Open Reading Frame 134 (C6orf134) (AA 194-238) antibody (HRP)

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Overview

Quantity:	100 µg
Target:	Chromosome 6 Open Reading Frame 134 (C6orf134)
Binding Specificity:	AA 194-238
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Alpha-tubulin N-acetyltransferase 1 protein (194-238AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Chromosome 6 Open Reading Frame 134 (C6orf134)
Alternative Name:	ATAT1 (C6orf134 Products)
Background:	Background: Specifically acetylates \'Lys-40\' in alpha-tubulin on the lumenal side of microtubules. Promotes microtubule destabilization and accelerates microtubule dynamics,

Target Details

	this activity may be independent of acetylation activity. Acetylates alpha-tubulin with a slow enzymatic rate, due to a catalytic site that is not optimized for acetyl transfer. Enters the microtubule through each end and diffuses quickly throughout the lumen of microtubules. Acetylates only long/old microtubules because of its slow acetylation rate since it does not have time to act on dynamically unstable microtubules before the enzyme is released. Required for normal sperm flagellar function. Promotes directional cell locomotion and chemotaxis, through AP2A2-dependent acetylation of alpha-tubulin at clathrin-coated pits that are concentrated at the leading edge of migrating cells. May facilitate primary cilium assembly. Aliases: Acetyltransferase mec 17 homolog antibody, Acetyltransferase mec-17 homolog antibody, Alpha TAT antibody, Alpha tubulin acetyltransferase 1 antibody, Alpha tubulin N acetyltransferase antibody, Alpha-TAT antibody, Alpha-tubulin N-acetyltransferase antibody, ATAT_HUMAN antibody, ATAT1 antibody, Chromosome 6 open reading frame 134 antibody, Hypothetical protein LOC79969 antibody, MEC17 antibody, Nbla00487 antibody, TAT antibody
UniProt:	Q5SQI0

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.