Datasheet for ABIN535299

anti-TUBG1 antibody (AA 434-449)

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Overview

Quantity:	100 µg
Target:	TUBG1
Binding Specificity:	AA 434-449
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TUBG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Purpose:	Mouse monoclonal antibody raised against synthetic peptide of TUBG1.
Immunogen:	A synthetic peptide corresponding to amino acids 434-449 of human TUBG1.
Sequence:	EYHAATRPDY ISWGTQ
Clone:	TU-32
Isotype:	IgG1
Specificity:	This antibody recognizes an epitope (amino acids 434-449 in human) within C-terminus of TUBG1, a 48 KDa structural constituent of cytoskeleton and microtubule organizing center (MTOC).
Cross-Reactivity:	Human

Target Details

Target:	TUBG1
Alternative Name:	TUBG1 / Tubulin gamma 1 (TUBG1 Products)
Gene ID:	7283
Pathways:	Microtubule Dynamics, M Phase

Application Details

Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS, pH 7.4 (0.09 % sodium azide)
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:	4 °C
Storage Comment:	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Kniazeff, Galvez, Labesse, Pin: "No ligand binding in the GB2 subunit of the GABA(B) receptor is required for activation and allosteric interaction between the subunits." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 22, Issue 17, pp. 7352-61, (2002) (PubMed). Ng, Bertrand, Sullivan, Ethier, Wang, Yergey, Belley, Trimble, Bateman, Alder, Smith, McKernan, Metters, ONeill, Lacaille, Hébert: "Gamma-aminobutyric acid type B receptors with specific heterodimer composition and postsynaptic actions in hippocampal neurons are targets of anticonvulsant gabapentin action." in: **Molecular pharmacology**, Vol. 59, Issue 1, pp. 144-52, (2001) (PubMed).

Margeta-Mitrovic, Jan, Jan: "Function of GB1 and GB2 subunits in G protein coupling of GABA(B) receptors." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 98, Issue 25, pp. 14649-54, (2001) (PubMed).