

Datasheet for ABIN1742554
anti-TUBB3 antibody (AA 443-450)



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Overview

Quantity:	100 µL
Target:	TUBB3
Binding Specificity:	AA 443-450
Reactivity:	Human, Mouse, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide (aa 443-450 of mouse beta3-tubulin) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine.
Specificity:	Specific for beta3-tubulin.
Purification:	antiserum

Target Details

Target:	TUBB3
Alternative Name:	beta3-Tubulin (TUBB3) (TUBB3 Products)
Background:	Synonyms: TuJ1
Pathways:	Microtubule Dynamics, M Phase

Application Details

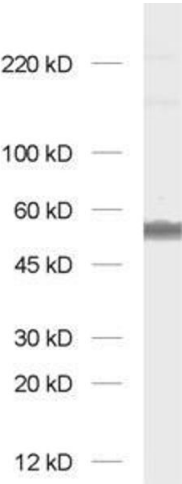
Application Notes:	WB: 1 : 1000 up to 1 : 10000 (AP staining) ICC: 1 : 500 IHC: 1 : 200
Comment:	IHC: For best results we recommend antigen retrieval with pepsin according to Lorincz A & Nusser Z (2008).
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS
Handling Advice:	Crude antisera are more robust than monoclonals. With anti-microbials added, they may be stored at 4 °C. Serum does not contain active proteases, in fact, serum itself contains a powerful cocktail of protease inhibitors. Frozen storage (-20 °C), however, is preferable.
Storage:	4 °C/-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

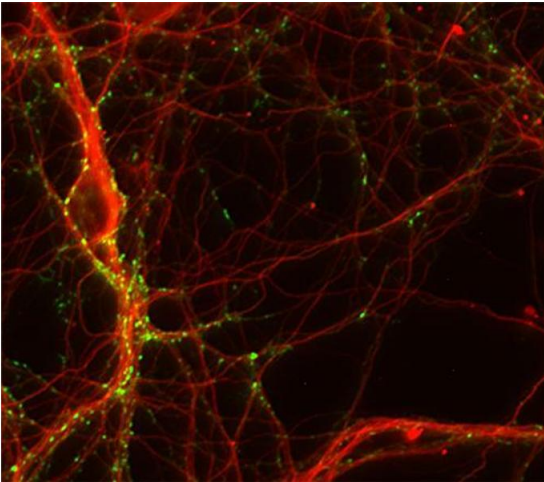
Publications

Product cited in:	<p>Matthäus, Haddjeri, Sánchez, Martí, Bahri, Rovera, Schloss, Lau: "The allosteric citalopram binding site differentially interferes with neuronal firing rate and SERT trafficking in serotonergic neurons." in: European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology, Vol. 26, Issue 11, pp. 1806-1817, (2016) (PubMed).</p> <p>Andres, Keyser, Petralli, Benton, Hubbard, McNutt, Ray: "Morphological and functional differentiation in BE(2)-M17 human neuroblastoma cells by treatment with Trans-retinoic acid." in: BMC neuroscience, Vol. 14, pp. 49, (2013) (PubMed).</p> <p>Lau, Heimann, Bartsch, Schloss, Weber: "Nongenomic, glucocorticoid receptor-mediated regulation of serotonin transporter cell surface expression in embryonic stem cell derived serotonergic neurons." in: Neuroscience letters, Vol. 554, pp. 115-20, (2013) (PubMed).</p>
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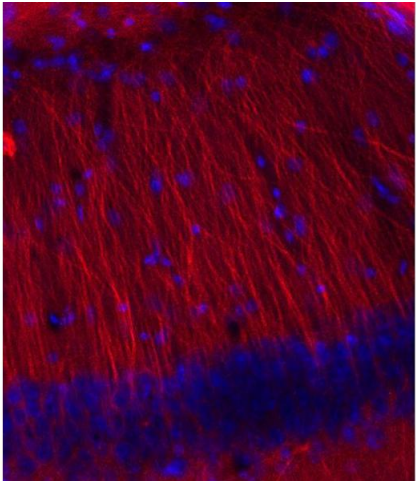
Western Blotting

Image 1.



Immunocytochemistry

Image 2.



Immunohistochemistry

Image 3.