

Datasheet for ABIN1742211
anti-RAB3A antibody (AA 2-14)[Go to Product page](#)

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Overview

Quantity:	200 µL
Target:	RAB3A
Binding Specificity:	AA 2-14
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide ASATDSRYGQKES (aa 2-14 in rat Rab 3a) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine residue.
Specificity:	Specific for Rab 3a.
Purification:	antiserum

Target Details

Target:	RAB3A
Alternative Name:	Rab 3a (RAB3A Products)
Pathways:	Synaptic Membrane , Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

Application Details

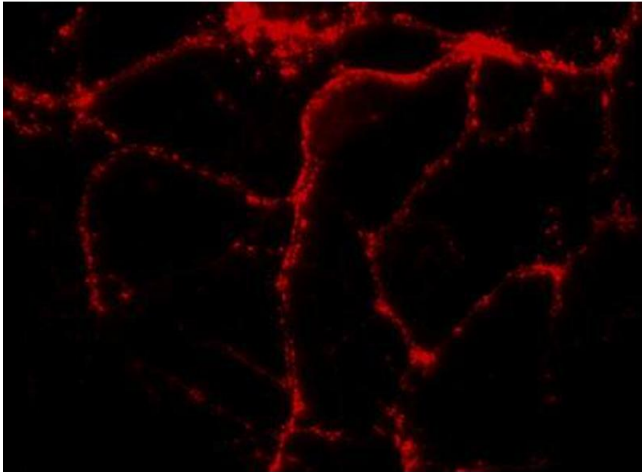
Application Notes:	WB: 1 : 1000 (AP staining) ICC: 1 : 1000
Comment:	ELISA: Suitable as detector antibody for sandwich-ELISA as capture antibody (protocol for sandwich-ELISA).
Restrictions:	For Research Use only

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.

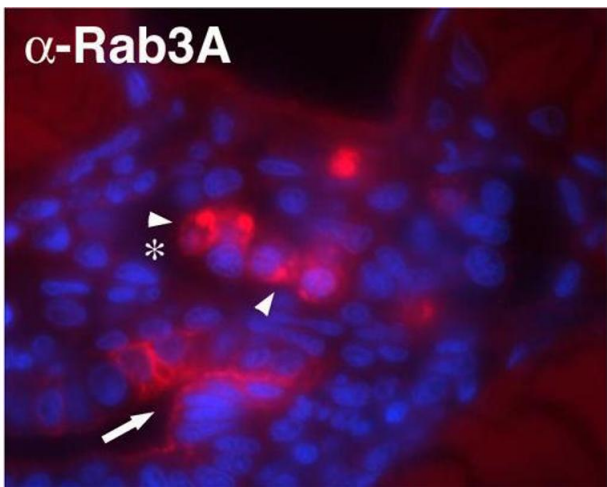
Publications

Product cited in:	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).
	Andres, Keyser, Petrali, 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).
	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).



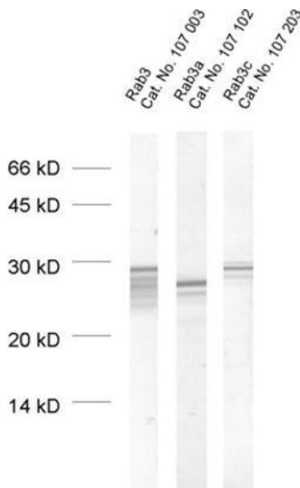
Immunocytochemistry

Image 1. Immunocytochemistry on cultured hippocampus neurons (dilution 1 : 1000). Immunoreactivity was revealed with a fluorochromated secondary antibody.



Immunohistochemistry

Image 2. Indirect immunolabeling of methanol/DMSO fixed zebrafish glomerulus. Nuclei were visualized by DAPI staining.



Western Blotting

Image 3. dilution: 1 : 1000, sample: crude synaptosomal fraction of rat brain (P2)