

Datasheet for ABIN1742465
anti-GABRB3 antibody (AA 344-429)[Go to Product page](#)

3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	GABRB3
Binding Specificity:	AA 344-429
Reactivity:	Mouse, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein (aa 344-429 in mouse) of the unprocessed precursor forced into a loop-shaped structure.
Specificity:	Specific for GABA-A receptor beta3.
Purification:	antiserum

Target Details

Target:	GABRB3
Alternative Name:	GABA-A Receptor Beta3 (GABRB3 Products)
Background:	Synonyms: GABA(A) R beta3
Pathways:	Sensory Perception of Sound

Application Details

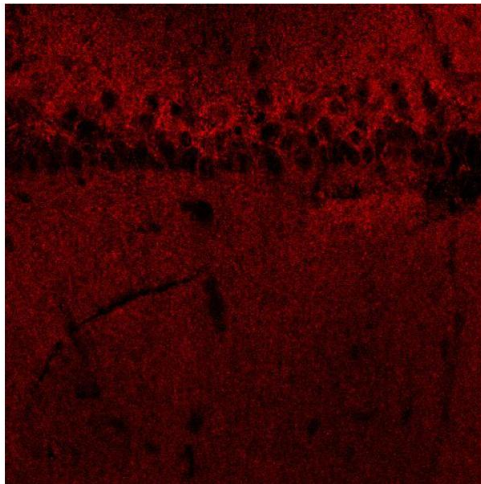
Application Notes:	WB: 1 : 1000 (AP staining) IP: not tested yet ICC: 1 : 500 IHC: 1 : 500
Comment:	WB: This protein aggregates after boiling, making it necessary to run SDS-PAGE with non-boiled samples. IHC: This antibody requires antigen retrieval with pepsin according to: Lorincz A & Nusser Z (2008).
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.

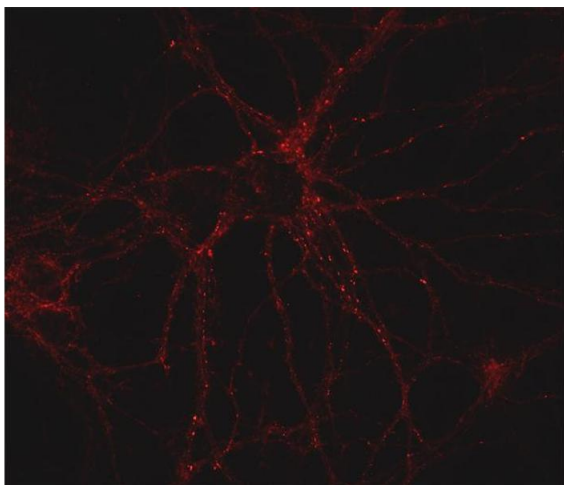
Publications

Product cited in:	Lai, Szczodrak, Oelkers, Ladwein, Acconcia, Benesch, Auinger, Faix, Small, Polo, Stradal, Rottner: "Cortactin promotes migration and platelet-derived growth factor-induced actin reorganization by signaling to Rho-GTPases." in: Molecular biology of the cell , Vol. 20, Issue 14, pp. 3209-23, (2009) (PubMed).
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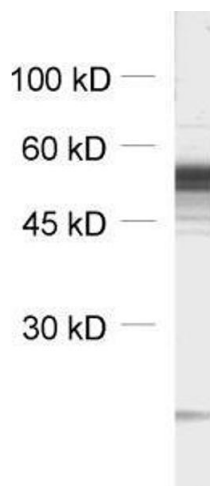
Immunohistochemistry

Image 1. Indirect immunostaining of a rat hippocampus section fixed with 4 % PFA and 15 % picric acid (dilution 1 : 500).



Immunocytochemistry

Image 2. Indirect immunostaining of PFA fixed mouse cortex neurons (dilution 1 : 500)



Western Blotting

Image 3. dilution: 1 : 1000, sample: unboiled synaptic membrane fraction of rat brain (LP1)