

Datasheet for ABIN1742462
anti-GABRA5 antibody (AA 26-43)

3 Images

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Overview

Quantity:	50 µg
Target:	GABRA5
Binding Specificity:	AA 26-43
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide (aa 26-43 of rat GABA-A receptor alpha5 precursor protein) coupled to key-hole limpet hemocyanin via an added C-terminal cysteine residue.
Specificity:	Specific for GABA-A receptor alpha5.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	GABRA5
Abstract:	GABRA5 Products
Background:	Synonyms: GABA(A) R alpha5
Pathways:	Sensory Perception of Sound , Synaptic Membrane

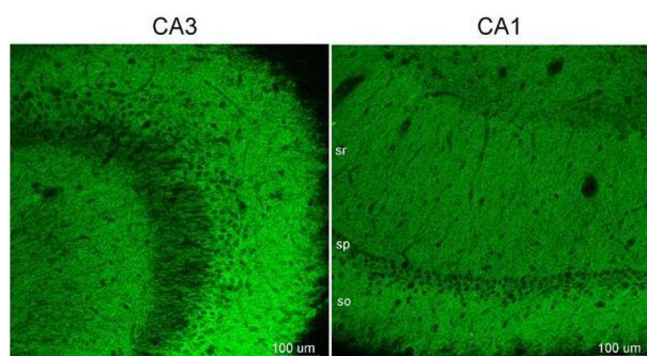
Application Details

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.
Restrictions:	For Research Use only

Handling

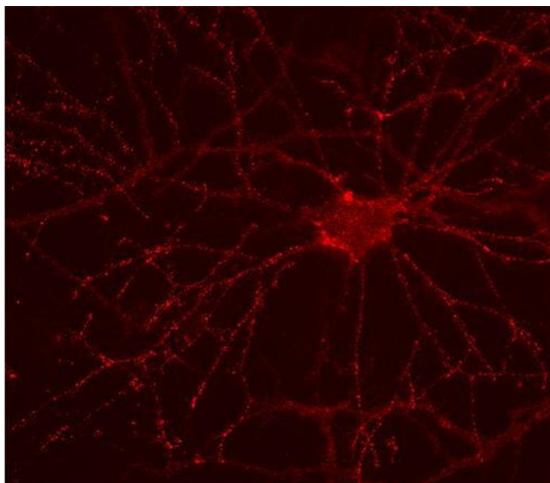
Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL H ₂ O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
Storage:	-20 °C
Storage Comment:	Unlabeled lyophilized 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. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

Images



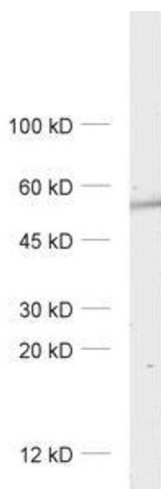
Immunohistochemistry

Image 1. Indirect immunostaining of PFA fixed mouse brain sections (dilution 1 : 500).



Immunocytochemistry

Image 2. Indirect immunostaining of hippocampus neurons (dilution 1 : 500).



Western Blotting

Image 3. dilution: 1 : 1000, sample: unboiled rat hippocampus lysate