

Datasheet for ABIN1742463  
**anti-GABRA6 antibody (AA 20-30)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	50 µg
Target:	GABRA6
Binding Specificity:	AA 20-30
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide (aa 20-30 of rat GABA-A receptor alpha6 precursor protein) coupled to key-hole limpet hemocyanin via an added C-terminal cysteine residue.
Specificity:	Specific for GABA-A receptor alpha6.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

## Target Details

Target:	GABRA6
Alternative Name:	GABA-A Receptor Alpha6 ( <a href="#">GABRA6 Products</a> )
Background:	Synonyms: GABA(A) R alpha6
Pathways:	<a href="#">Synaptic Membrane</a>

## Application Details

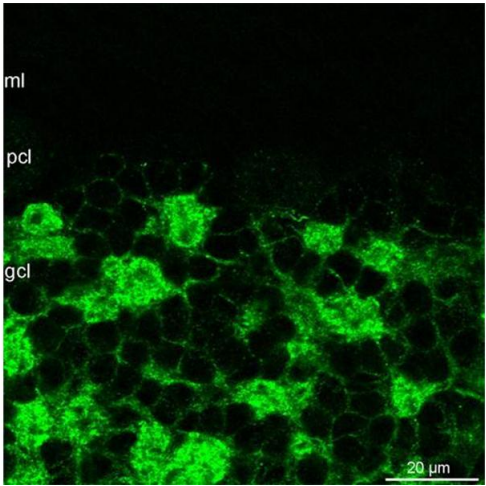
Application Notes:	WB: 1 : 1000 (AP staining) IP: not tested yet ICC: not tested yet IHC: 1 : 500
Comment:	WB: This protein aggregates after boiling, making it necessary to run SDS-PAGE with non-boiled samples.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL H <sub>2</sub> 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!

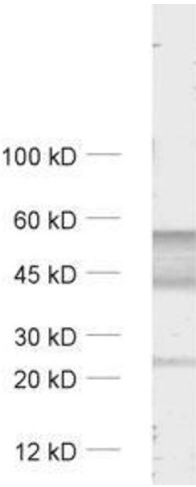
## Publications

Product cited in:	Bozdagi, Sakurai, Dorr, Pilorge, Takahashi, Buxbaum: "Haploinsufficiency of Cyfip1 produces fragile X-like phenotypes in mice." in: <b>PLoS ONE</b> , Vol. 7, Issue 8, pp. e42422, (2012) ( <a href="#">PubMed</a> ).
	Steffen, Faix, Resch, Linkner, Wehland, Small, Rottner, Stradal: "Filopodia formation in the absence of functional WAVE- and Arp2/3-complexes." in: <b>Molecular biology of the cell</b> , Vol. 17, Issue 6, pp. 2581-91, (2006) ( <a href="#">PubMed</a> ).



Immunohistochemistry

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



Western Blotting

**Image 2.** dilution: 1 : 1000, sample: unboiled rat cerebellum lysate