

Datasheet for ABIN1742453
anti-GABRA2 antibody (AA 29-37)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	200 µL
Target:	GABRA2
Binding Specificity:	AA 29-37
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide (aa 29-37 of rat GABA-A receptor alpha2 precursor protein) coupled to key-hole limpet hemocyanin via an added C-terminal cysteine residue.
Specificity:	Specific for GABA-A receptor alpha2.
Purification:	antiserum

Target Details

Target:	GABRA2
Alternative Name:	GABA-A Receptor Alpha2 (GABRA2 Products)
Background:	Synonyms: GABA(A) R alpha2

Application Details

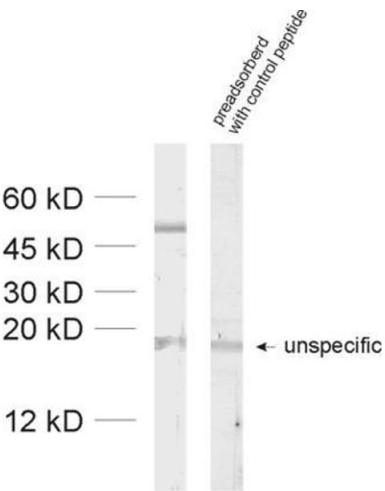
Application Notes:	WB: 1 : 1000 (AP staining) ICC: not recommended IHC: not recommended
Comment:	WB: The crude antiserum is highly recommended. This protein aggregates after boiling, making it necessary to run SDS-PAGE with non-boiled samples. ICC/IHC: The affinity purified antibody is highly recommended for these applications. For best results use the protocol of Schneider Gasser et al., 2006. ICC: This antibody is suitable for the surface staining of living cells. After washing cells with bound antibodies, they can be fixed and visualized with secondary reagents.
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:	Bozdagi, Sakurai, Dorr, Pilorge, Takahashi, Buxbaum: "Haploinsufficiency of Cyfip1 produces fragile X-like phenotypes in mice." in: PLoS ONE , Vol. 7, Issue 8, pp. e42422, (2012) (PubMed). Steffen, Faix, Resch, Linkner, Wehland, Small, Rottner, Stradal: "Filopodia formation in the absence of functional WAVE- and Arp2/3-complexes." in: Molecular biology of the cell , Vol. 17, Issue 6, pp. 2581-91, (2006) (PubMed).
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Western Blotting

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