

# GABRA2 Rabbit pAb

Catalog No.: A1803

3 Publications

## Basic Information

### Observed MW

50kDa

### Calculated MW

51kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse

## Background

GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

2555

### Swiss Prot

P47869

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-400 of human GABRA2 (NP\_000798.2).

### Synonyms

DEE78; EIEE78; GABRA2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

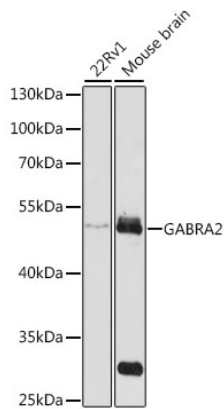
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

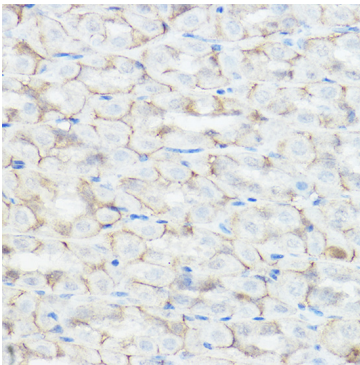
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of various lysates using GABRA2 Rabbit pAb (A1803) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 3s.



Immunohistochemistry analysis of paraffin-embedded mouse stomach using GABRA2 Rabbit pAb (A1803) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.