

A1803

Leader in Biomolecular Solutions for Life Science



GABRA2 Rabbit pAb

Catalog No.: A1803 **3 Publications**

Basic Information

Observed MW

50kDa

Calculated MW

51kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

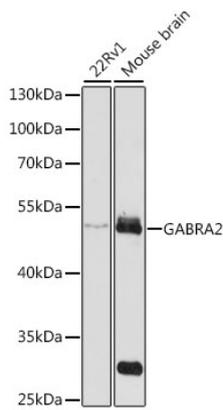
Affinity purification

Storage

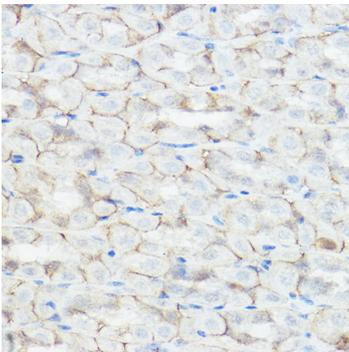
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



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 GABRA2 in 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.