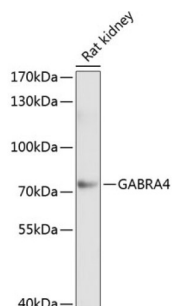


Gamma-Aminobutyric Acid Receptor Subunit Alpha-4 (gABRA4) Antibody

Catalogue No.: abx002817



Western blot analysis of extracts of rat kidney using GABRA4 Antibody (1/1000 dilution).

gABRA4 Antibody is a Rabbit Polyclonal antibody against gABRA4. Gamma-aminobutyric acid (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. This gene encodes subunit alpha-4, which is involved in the etiology of autism and eventually increases autism risk through interaction with another subunit, gamma-aminobutyric acid receptor beta-1 (GABRB1). Alternatively spliced transcript variants encoding different isoforms have been found in this gene.

Target: Gamma-Aminobutyric Acid Receptor Subunit Alpha-4 (gABRA4)

Clonality: Polyclonal

Reactivity: Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human GABRA4

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 4.0.0

Revision date: 16 Aug 2025



UniProt Primary AC: P48169 ([UniProt](#), [ExPASy](#))

Gene Symbol: GABRA4

GeneID: [2557](#)

NCBI Accession: NP_000800.2

KEGG: hsa:2557

String: [9606.ENSP00000264318](#)

Molecular Weight: Calculated MW: 61 kDa
Observed MW: 72 kDa

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

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only