

Goat Anti-GABRA4 Antibody

Peptide-affinity purified goat antibody Catalog # AF1456a

Specification

Goat Anti-GABRA4 Antibody - Product Information

Application IHC, WB Primary Accession P48169

Other Accession NP 000800, 2557

Isotype IgG
Calculated MW 61623

Goat Anti-GABRA4 Antibody - Additional Information

Gene ID 2557

Other Names

Gamma-aminobutyric acid receptor subunit alpha-4, GABA(A) receptor subunit alpha-4, GABRA4

Format

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-GABRA4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-GABRA4 Antibody - Protein Information

Name GABRA4

Function

GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.

Cellular Location

Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

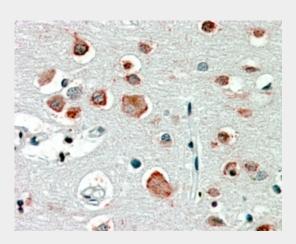


Goat Anti-GABRA4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Goat Anti-GABRA4 Antibody - Images



AF1456a (2.5 μ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



AF1456a (0.1 μ g/ml) staining of Human Frontal Cortex lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-GABRA4 Antibody - 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.





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Goat Anti-GABRA4 Antibody - References

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