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Datasheet for ABIN7468362 **anti-GABRA5 antibody**

Overview

Quantity:	100 µL
Target:	GABRA5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GABA A Receptor alpha 5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	GABRA5
Alternative Name:	gamma-aminobutyric acid type A receptor alpha5 subunit (GABRA5 Products)
Background:	Synonyms: gamma-aminobutyric acid type A receptor alpha5 subunit 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

Target Details

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. Transcript variants utilizing three different alternative non-coding first exons have been described.
[provided by RefSeq]

Molecular Weight: 52 kDa

Gene ID: 2558

UniProt: [P31644](#)

Pathways: [Sensory Perception of Sound](#), [Synaptic Membrane](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: GABRA5-transfected 293T

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.21 mg/mL

Buffer: 1XPBS, 1 % BSA, 20 % Glycerol (pH 7), 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.