

### **Product datasheet for TA305622**

#### OriGene Technologies, Inc.

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## GABA A Receptor alpha 4 (GABRA4) Goat Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB: 0.1-0.3ug/ml.

**Reactivity:** Human (Expected from sequence similarity: Cow)

Host: Goat Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Peptide with sequence C-EKAKRKTSKPPQE, from the internal region of the protein sequence

according to NP\_000800.2.

**Formulation:** 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Concentration:** lot specific

**Purification:** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize

freezing and thawing.

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

**Gene Name:** gamma-aminobutyric acid type A receptor alpha4 subunit

Database Link: NP 000800

Entrez Gene 2557 Human

P48169

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. [provided by

RefSeq]

**Synonyms:** alpha 4; gamma-aminobutyric acid (GABA) A receptor; gamma-aminobutyric acid A receptor

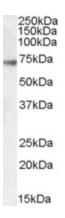


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**Protein Families:** Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane

**Protein Pathways:** Neuroactive ligand-receptor interaction

# **Product images:**



TA305622 (0.1ug/ml) staining of Human Frontal Cortex lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.