



Datasheet for ABIN6266340

anti-GABRG2 antibody (N-Term)



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2 Images

Overview

Quantity: 100 µL

Target: GABRG2

Binding Specificity: N-Term

Reactivity: Human, Rat, Mouse

Host: Rabbit

Clonality: Polyclonal

Conjugate: This GABRG2 antibody is un-conjugated

Application: Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen: A synthesized peptide derived from human GABA A Receptor gamma 2, corresponding to a region within N-terminal amino acids.

Isotype: IgG

Specificity: GABA A Receptor gamma 2 Antibody detects endogenous levels of total GABA A Receptor gamma 2.

Predicted Reactivity: Pig, Bovine, Horse, Sheep, Rabbit, Dog

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target: GABRG2

Target Details

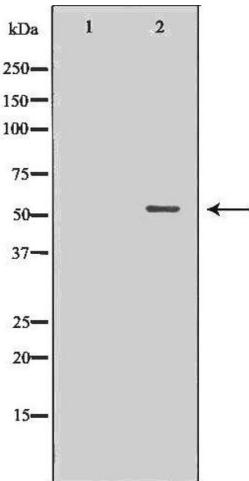
| | |
|-------------------|--|
| Alternative Name: | GABRG2 (GABRG2 Products) |
| Background: | Description: Component of the heteropentameric receptor for GABA, the major inhibitory neurotransmitter in the vertebrate brain. Functions also as histamine receptor and mediates cellular responses to histamine. Functions as receptor for diazepines and various anesthetics, such as pentobarbital, these are bound at a separate allosteric effector binding site. Functions as ligand-gated chloride channel. Gene: GABRG2 |
| Molecular Weight: | 55kDa |
| Gene ID: | 2566 |
| UniProt: | P18507 |

Application Details

| | |
|--------------------|---|
| Application Notes: | WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

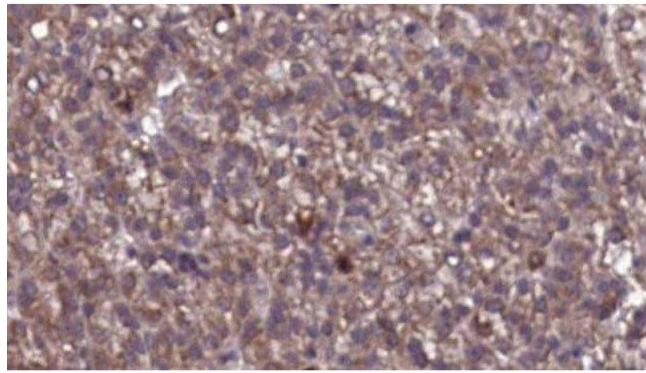
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



Western Blotting

Image 1. Western blot analysis of extracts of brain, using GABRG2 antibody. The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6276846 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary