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Datasheet for ABIN2856236
anti-GABBR2 antibody

1 Image

Overview

Quantity:	100 µL
Target:	GABBR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABBR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GABA B Receptor 2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Rabbit Polyclonal antibody to GABA B Receptor 2 (gamma-aminobutyric acid (GABA) B receptor, 2) GABA B Receptor 2 antibody [N2C1], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	GABBR2
Alternative Name:	gamma-aminobutyric acid type B receptor subunit 2 (GABBR2 Products)

Target Details

Background: B-type receptors for the neurotransmitter GABA (gamma-aminobutyric acid) inhibit neuronal activity through G protein-coupled second-messenger systems, which regulate the release of neurotransmitters and the activity of ion channels and adenylyl cyclase. See GABBR1 (MIM 603540) for additional background information on GABA-B receptors.[supplied by OMIM]

Cellular Localization: Cell membrane, Multi-pass membrane protein , Cell junction , synapse , postsynaptic cell membrane, Multi-pass membrane protein

Molecular Weight: 106 kDa

Gene ID: 9568

UniProt: [O75899](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

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

Comment: Positive Control: U87-MG , unboiled Myc-DDK-tagged Gabbr2-transfected 293T
Validation: Overexpression

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.83 mg/mL

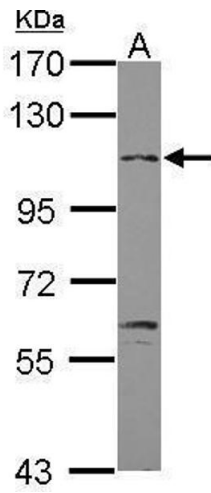
Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): 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.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
U87-MG 7.5% SDS PAGE antibody diluted at 1:1000