

Datasheet for ABIN654148
anti-GABRG2 antibody (AA 198-224)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	GABRG2
Binding Specificity:	AA 198-224
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GABRG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-224 amino acids from the Central region of human GABRG2.
Clone:	RB23939
Isotype:	IgG
Predicted Reactivity:	B, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GABRG2
Alternative Name:	GABRG2 (GABRG2 Products)

Target Details

Background: This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammalian brain, where it acts at GABA-A receptors, which are ligand-gated chloride channels. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene have been associated with epilepsy and febrile seizures. Multiple transcript variants encoding different isoforms have been identified for this gene.

Molecular Weight: 54162

Gene ID: 2566

NCBI Accession: [NP_000807](#), [NP_944493](#), [NP_944494](#)

UniProt: [P18507](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C, -20 °C

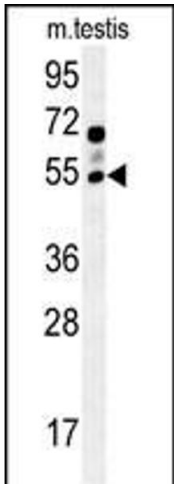
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



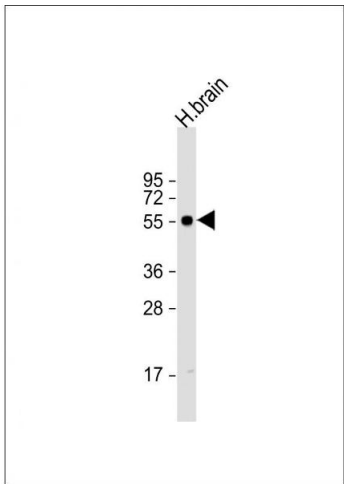
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. GABRG2 antibody (Center) (ABIN654148 and ABIN2844015) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GABRG2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. GABRG2 Antibody (Center) (ABIN654148 and ABIN2844015) western blot analysis in mouse testis tissue lysates (15 µg/lane). This demonstrates the GABRG2 antibody detected GABRG2 protein (arrow).



Western Blotting

Image 3. Anti-GABRG2 Antibody (Center) at 1:1000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.