

Anti-GABRA5 Recombinant Rabbit Monoclonal Antibody



Catalog #: 2001

Aliases

GABRA5; Gamma-Aminobutyric Acid Type A Receptor Subunit Alpha5; Gamma-Aminobutyric Acid (GABA) A Receptor, Alpha 5; Gamma-Aminobutyric Acid Receptor Subunit Alpha-5; GABA(A) Receptor Subunit Alpha-5; Gamma-Aminobutyric Acid Type A Receptor Alpha5 Subunit; GABA(A) Receptor, Alpha 5; EIEE79; DEE79

Background

Gene Name: GABRA5

NCBI Gene Entry: [2558](#)

UniProt Entry: [P31644](#)

Application Information

Molecular Weight: Predicted, 52 kDa; observed, 70 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB5505

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human GABA A Receptor alpha 5

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Immunocytochemistry (IC): 1:100-1:1,000

Flow Cytometry (FCM): 1:2,000

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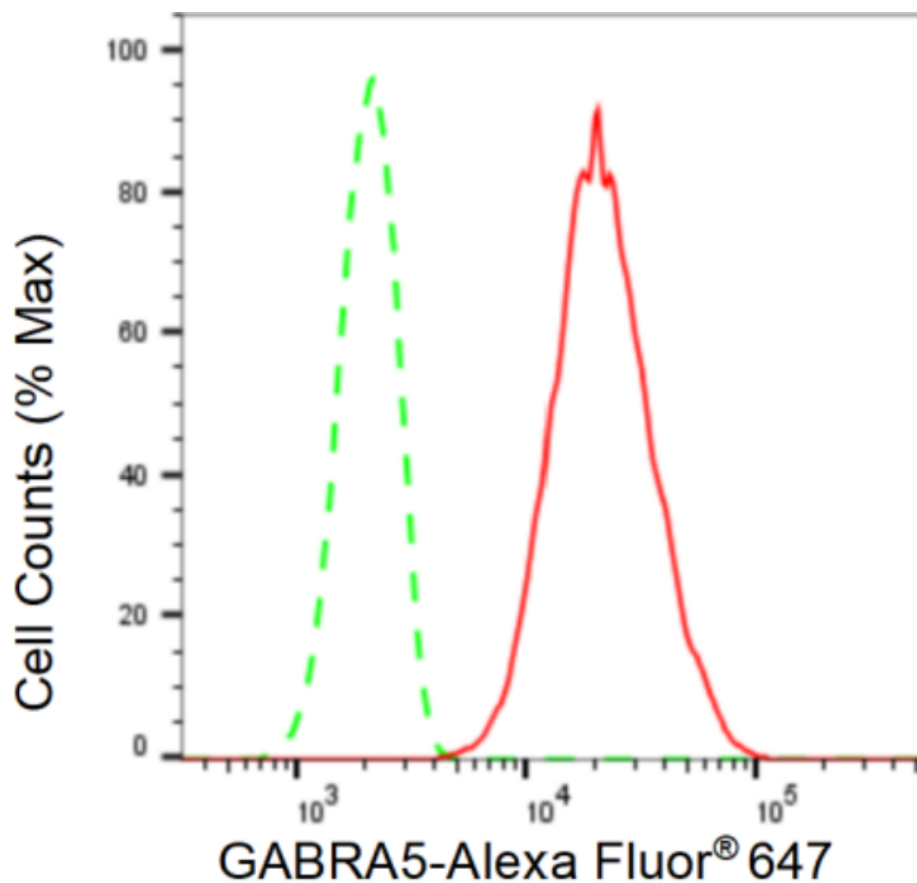
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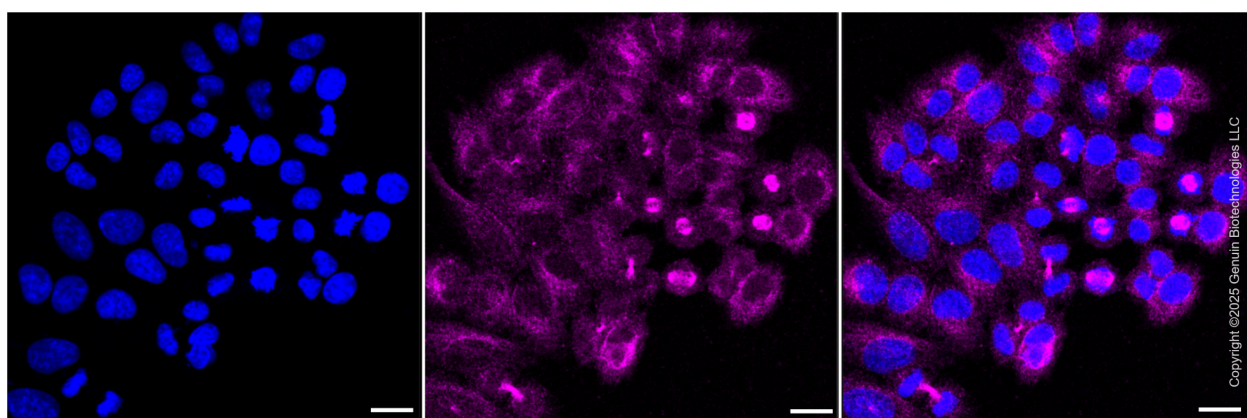
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Validation Data



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Flow cytometric analysis of GABRA5 expression in HepG2 cells using GABRA5 antibody (Cat#2001, 1:2,000). Green, isotype control; red, GABRA5.



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Immunocytochemical staining of HepG2 cells with anti-GABRA5 antibody (Cat#2001, 1:1000). Nuclei were stained blue with DAPI; GABRA5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart

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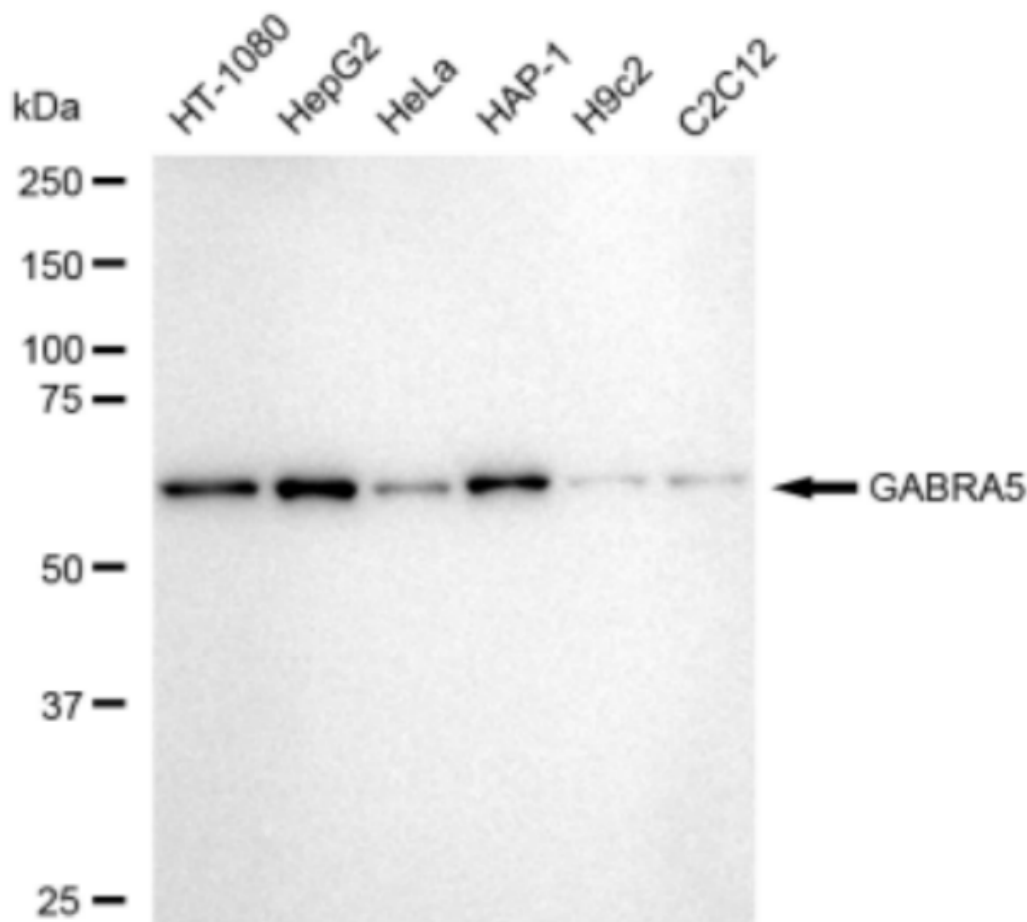
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gain: Medium. Scale bar, 20 μ m.



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Western blotting analysis using anti-GABRA5 antibody (Cat#2001). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GABRA5 antibody (Cat#2001, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226)

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