

GABRA5 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 142 and 379 of Human GABA A Receptor alpha 5
Form	Liquid
Concentration	0.21 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2548637

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	2 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000	-

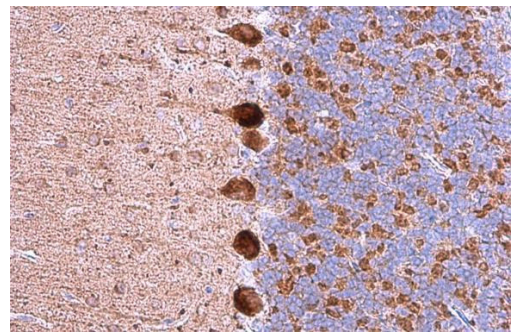
Product Specific Information

Recommended positive controls: GABRA5-transfected 293T.

Predicted reactivity: Mouse (100%), Rat (100%), Bovine (98%).

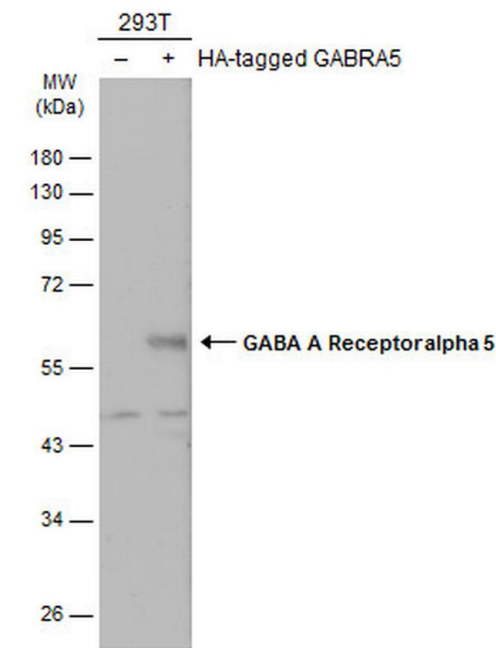
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For GABRA5 Polyclonal Antibody



GABRA5 Antibody (PA5-31163) in IHC (P)

GABRA5 Polyclonal Antibody detects GABA A Receptor alpha 5 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse cerebellum. GABA A Receptor alpha 5 stained by GABRA5 Polyclonal Antibody (Product # PA5-31163) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



GABRA5 Antibody (PA5-31163) in WB

Western Blot analysis of GABRA5 was performed by separating 30 µg of non-transfected (–) and transfected (+) 293T whole cell extracts by 10% SDS-PAGE. Proteins were transferred to a membrane and probed with a GABRA5 Polyclonal Antibody (Product # PA5-31163) at a dilution of 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

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Western Blot (2)

<p>eNeuro</p> <p>GABA_A Receptors Are Well Preserved in the Hippocampus of Aged Mice.</p> <p>"Published figure using GABRA5 polyclonal antibody (Product # PA5-31163) in Western Blot"</p> <p>Authors: Palpagama TH,Sagniez M,Kim S,Waldvogel HJ,Faull RL,Kwakowsky A</p>	<p>Year 2020</p> <p>Species Mouse</p> <p>Dilution 1:200</p>
<p>Biology of sex differences</p> <p>Sex- and age-related changes in GABA signaling components in the human cortex.</p> <p>"Published figure using GABRA5 polyclonal antibody (Product # PA5-31163) in Western Blot"</p> <p>Authors: Pandya M,Palpagama TH,Turner C,Waldvogel HJ,Faull RL,Kwakowsky A</p>	<p>Year 2019</p>

Immunohistochemistry (2)

<p>eNeuro</p> <p>GABA_A Receptors Are Well Preserved in the Hippocampus of Aged Mice.</p> <p>"Published figure using GABRA5 polyclonal antibody (Product # PA5-31163) in Western Blot"</p> <p>Authors: Palpagama TH,Sagniez M,Kim S,Waldvogel HJ,Faull RL,Kwakowsky A</p>	<p>Year 2020</p> <p>Species Mouse</p> <p>Dilution 1:200</p>
<p>Molecules (Basel, Switzerland)</p> <p>Amyloid-Beta₁₋₄₂ -Induced Increase in GABAergic Tonic Conductance in Mouse Hippocampal CA1 Pyramidal Cells.</p> <p>"Published figure using GABRA5 polyclonal antibody (Product # PA5-31163) in Immunohistochemistry"</p> <p>Authors: Calvo-Flores Guzmán B,Kim S,Chawdhary B,Peppercorn K,Tate WP,Waldvogel HJ,Faull RL,Montgomery J, Kwakowsky A</p>	<p>Year 2020</p> <p>Species Mouse</p> <p>Dilution 1:1000</p>

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