

GABRG1 Polyclonal Antibody

Catalog NumberPA5-36476

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic peptide corresponding to amino acids 20-72 of human GABAA R gamma1	Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200
Conjugate	Unconjugated	Western Blot (WB)	1:500-1:1,000
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7.2, with 50% glycerol		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody detects endogenous protein at a molecular weight of 54 kDa. Purity is >95% by SDS-PAGE.

Background/Target Information

Gabrg1 encodes a protein that belongs to the ligand-gated ionic channel family. Gabrg1 is an integral membrane protein and plays an important role in inhibiting neurotransmission by binding to the benzodiazepine receptor and opening an integral chloride channel. The Gabrg1 gene is clustered with three other family members on chromosome 4. GABAA receptors are members of the Cys-loop family of ligand-gated ion channels and, along with GABAB receptors, are responsible for mediating the inhibitory effects of GABA. Structurally, Gabrg1 are pentameric proteins, consisting of five subunits belonging to different families. Diseases associated with GABRG1 include Alcohol Dependence.

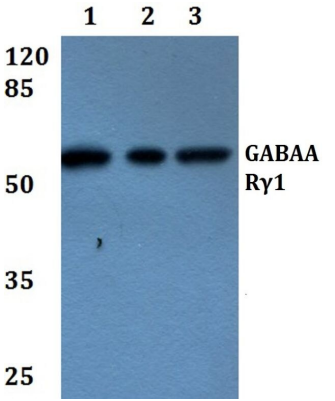
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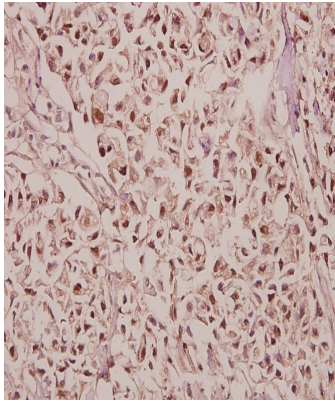
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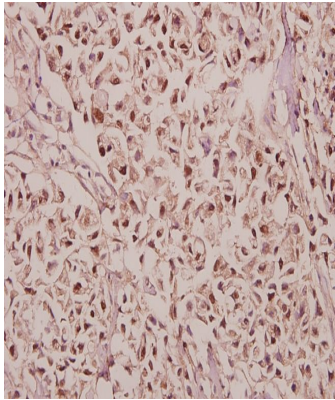
Product Images For GABRG1 Polyclonal Antibody



GABRG1 Antibody (PA5-36476) in WB
Western blot analysis of GABAA R gamma1 using GABAA R gamma1 polyclonal antibody (Product # PA5-36476) at a dilution of 1:500. Lane 1: A549 whole cell lysate, Lane 2: Raw264.7 whole cell lysate, Lane 3: PC12 whole cell lysate.



GABRG1 Antibody (PA5-36476) in IHC (P)
Immunohistochemistry analysis of GABRG1 in paraffin-embedded human colorectal carcinoma tissue. Samples were incubated with GABRG1 polyclonal antibody (Product # PA5-36476) at a dilution of 1:50.



GABRG1 Antibody (PA5-36476) in IHC (P)
Immunohistochemical analysis of GABRG1 in paraffin-embedded human colorectal carcinoma using GABRG1 polyclonal antibody (Product # PA5-36476) at a dilution of 1:50.

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