

CNGA2 Polyclonal Antibody

Catalog NumberPA5-22235

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 412 and 664 of CNGA2 (Uniprot ID#Q16280)	Immunocytochemistry (ICC/IF)	1:100-1:1,000
		Dilution *	
Conjugate	Unconjugated	* 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.	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431, H1299, HeLa, HepG2, mouse brain. Predicted reactivity: Mouse (97%), Rat (96%), Rabbit (97%), Bovine (96%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

CNGA2 represents the alpha subunit of a cyclic nucleotide-gated olfactory channel. The encoded protein contains a carboxy-terminal leucine zipper that mediates channel formation.

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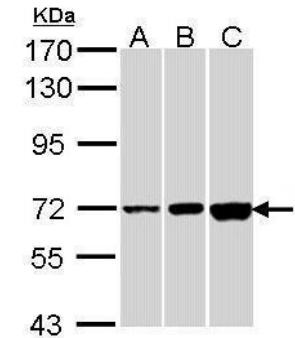
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Product Images For CNGA2 Polyclonal Antibody

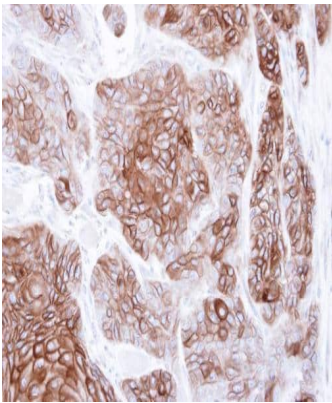
CNGA2 Antibody (PA5-22235) in WB

Western Blot using CNGA2 Polyclonal Antibody (Product # PA5-22235). Sample (30 µg of whole cell lysate). Lane A: 293T. Lane B: A431. Lane C: Hep G2 . 7.5% SDS PAGE. CNGA2 Polyclonal Antibody (Product # PA5-22235) diluted at 1:1,000.



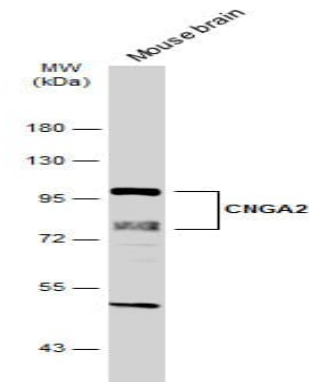
CNGA2 Antibody (PA5-22235) in IHC (P)

Immunohistochemical analysis of paraffin-embedded SG xenograft , using CNGA2 (Product # PA5-22235) antibody at 1:500 dilution. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



CNGA2 Antibody (PA5-22235) in WB

Western Blot analysis of CNGA2 was performed by separating 50 µg of Mouse tissue extracts by 7.5% SDS-PAGE. Proteins were transferred to a membrane and probed with a CNGA2 Polyclonal Antibody (Product # PA5-22235) at a dilution of 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



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