

For Research Use Only

HCN2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84308-4-PBS



Basic Information

Catalog Number: 84308-4-PBS	GenBank Accession Number: NM_001194	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 610	CloneNo.: 241601D11
Source: Rabbit	UNIPROT ID: Q9UL51	
Isotype: IgG	Full Name: hyperpolarization activated cyclic nucleotide-gated potassium channel 2	
Immunogen Catalog Number: AG34038	Calculated MW: 97 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84308-4-PBS targets HCN2 as part of a matched antibody pair:

MP00160-2: 84308-4-PBS capture and 84308-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

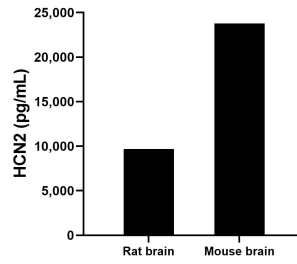
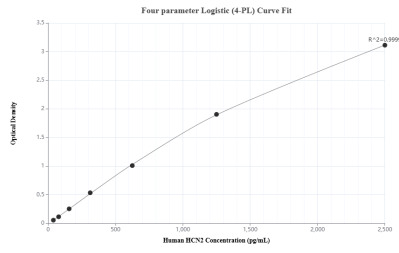
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Sandwich ELISA standard curve of MP00160-2, Human HCN2 Recombinant Matched Antibody Pair - PBS only. 84308-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag34038. 84308-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL

The mean HCN2 concentration was determined to be 9,765.2 ng/mL in rat brain tissue extract based on a 1.6 mg/mL extract load and 23,767.3 ng/mL in mouse brain tissue extract based on a 2.0 mg/mL extract load.