

Anti-Hippocalcin Rabbit Monoclonal Antibody

Catalog # ABO15889

Product Information

Application	WB
Primary Accession	P84074
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Hippocalcin Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	3208
Other Names	Neuron-specific calcium-binding protein hippocalcin, Calcium-binding protein BDR-2, HPCA (HGNC:5144), BDR2
Calculated MW	22427
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 24H66
Immunogen	A synthesized peptide derived from human Hippocalcin
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	HPCA (HGNC:5144)
Synonyms	BDR2
Function	Calcium-binding protein that may play a role in the regulation of voltage-dependent calcium channels (PubMed: 28398555). May also play a role in cyclic-nucleotide-mediated signaling through the regulation of

adenylate and guanylate cyclases (By similarity).

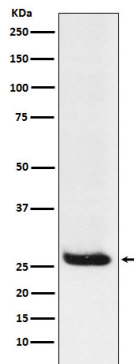
Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:P84076, ECO:0000269|PubMed:28398555}. Membrane {ECO:0000250|UniProtKB:P84076}; Peripheral membrane protein {ECO:0000250|UniProtKB:P84076} Note=Association with membranes is calcium-dependent (By similarity) Enriched in the perinuclear region, probably at the trans Golgi network in response to calcium (PubMed:28398555) {ECO:0000250|UniProtKB:P84076, ECO:0000269|PubMed:28398555}

Tissue Location

Brain specific..

Images



Western blot analysis of Hippocalcin expression in Neuro2a cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.