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Hippocalcin Antibody
Rabbit mAb
Catalog # AP92470

Specification

Hippocalcin Antibody - Product Information

Application	**WB**
Primary Accession	P84074
Reactivity	**Rat**
Clonality	**Monoclonal**
Other Names	
BDR2; HPCA; P23K;	
Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**22427 Da**

Hippocalcin Antibody - Additional Information

Dilution	**WB~~1:1000**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human Hippocalcin**
Description	**May be involved in the calcium-dependent regulation of rhodopsin phosphorylation. Binds two calcium ions.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

Hippocalcin Antibody - 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}

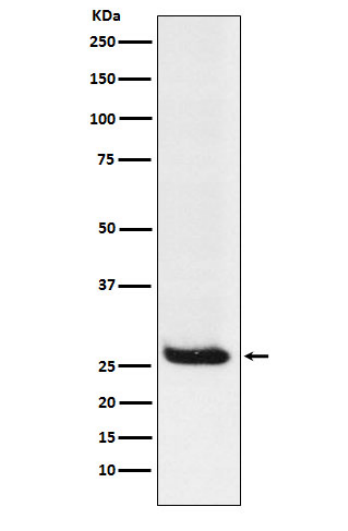
Tissue Location
Brain specific..

Hippocalcin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Hippocalcin Antibody - Images



Western blot analysis of Hippocalcin expression in Neuro2a cell lysate.