

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

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 InformationName 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}

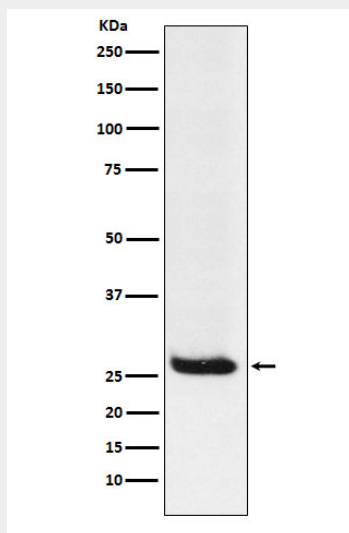
Tissue Location

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 Cytometry](#)
- [Cell Culture](#)

Hippocalcin Antibody - Images

Western blot analysis of Hippocalcin expression in Neuro2a cell lysate.