

HIP1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14988**Specification**

HIP1 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O00291
Other Accession	NP_005329
Reactivity	Human
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	114kDa KDa

HIP1 Antibody - C-terminal region - Additional Information**Gene ID** 3092

Alias Symbol **HIP1,**
Other Names
Huntingtin-interacting protein 1, HIP-1, Huntingtin-interacting protein I, HIP-I, HIP1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-HIP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

HIP1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

HIP1 Antibody - C-terminal region - Protein Information**Name** HIP1**Function**

Plays a role in clathrin-mediated endocytosis and trafficking (PubMed: [11532990](http://www.uniprot.org/citations/11532990), PubMed: [11577110](http://www.uniprot.org/citations/11577110), PubMed: [11889126](http://www.uniprot.org/citations/11889126)). Involved in regulating AMPA receptor trafficking in the central nervous system in an NMDA-dependent manner (By similarity). Regulates presynaptic nerve terminal activity (By similarity). Enhances androgen receptor (AR)- mediated transcription (PubMed: [16027218](http://www.uniprot.org/citations/16027218)). May act as a

proapoptotic protein that induces cell death by acting through the intrinsic apoptosis pathway (PubMed:11007801). Binds 3-phosphoinositides (via ENTH domain) (PubMed:14732715). May act through the ENTH domain to promote cell survival by stabilizing receptor tyrosine kinases following ligand-induced endocytosis (PubMed:14732715). May play a functional role in the cell filament networks (PubMed:18790740). May be required for differentiation, proliferation, and/or survival of somatic and germline progenitors (PubMed:11007801, PubMed:12163454).

Cellular Location

Cytoplasm. Nucleus. Endomembrane system. Cytoplasmic vesicle, clathrin-coated vesicle membrane. Note=Shuttles between cytoplasm and nucleus. Nuclear translocation can be induced by AR

Tissue Location

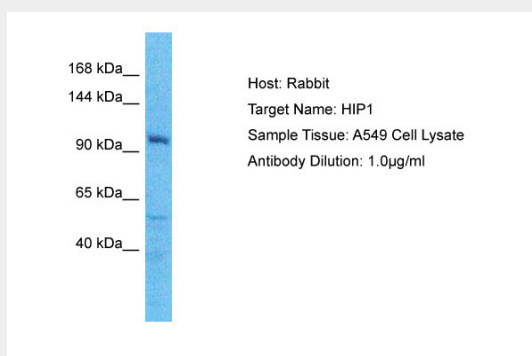
Ubiquitously expressed with the highest level in brain. Expression is up-regulated in prostate and colon cancer

HIP1 Antibody - C-terminal region - 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](#)

HIP1 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: HIP1
Sample Tissue: A549 Whole Cell lysates
Antibody Dilution: 1.0µg/ml

HIP1 Antibody - C-terminal region - References

Kim R.N.,et al.Submitted (JUL-2013) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 424:157-164(2003).
Gervais F.G.,et al.Nat. Cell Biol. 4:95-105(2002).
Huq A.H.M.M.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.