

# HIP1 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14988

## Product Information

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|--------------------------|---|
| <b>Application</b>       | WB  |
| <b>Primary Accession</b> | <a href="#">O00291</a>  |
| <b>Other Accession</b>   | <a href="#">NP_005329</a>   |
| <b>Reactivity</b>        | Human   |
| <b>Predicted</b>         | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine |
| <b>Host</b>              | Rabbit  |
| <b>Clonality</b>         | Polyclonal  |
| <b>Calculated MW</b>     | 116221  |

## Additional Information

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| <b>Gene ID</b>                            | 3092   |
| <b>Alias Symbol</b><br><b>Other Names</b> | HIP1,<br>Huntingtin-interacting protein 1, HIP-1, Huntingtin-interacting protein I, HIP-I, HIP1  |
| <b>Format</b>                             | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.  |
| <b>Reconstitution &amp; Storage</b>       | 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. |
| <b>Precautions</b>                        | HIP1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.  |

## Protein Information

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|-----------------|---|
| <b>Name</b>     | HIP1  |
| <b>Function</b> | Plays a role in clathrin-mediated endocytosis and trafficking (PubMed: <a href="#">11532990</a> , PubMed: <a href="#">11577110</a> , PubMed: <a href="#">11889126</a> ). 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: <a href="#">16027218</a> ). May act as a proapoptotic protein that induces cell death by acting through the intrinsic apoptosis pathway (PubMed: <a href="#">11007801</a> ). Binds 3-phosphoinositides (via ENTH domain) (PubMed: <a href="#">14732715</a> ). 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

## References

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Kim R.N.,et al.Submitted (JUL-2013) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

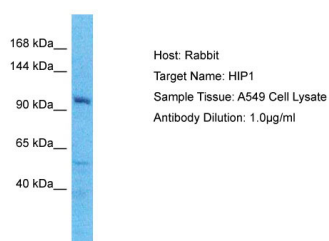
Hillier L.W.,et al.Nature 424:157-164(2003).

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.

## Images

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

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