

ARG44673 anti-HIP1 / Huntingtin Interacting Protein antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes HIP1 / Huntingtin Interacting Protein
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	HIP1 / Huntingtin Interacting Protein
Species	Human
Conjugation	Un-conjugated
Alternate Names	HIP-1; SHONGamma; SHONbeta; ILWEQ; Huntingtin-interacting protein 1; Huntingtin-interacting protein 1; HIP-1; SHON

Application Instructions

Application table	Application	Dilution
	IHC-P	5-10 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

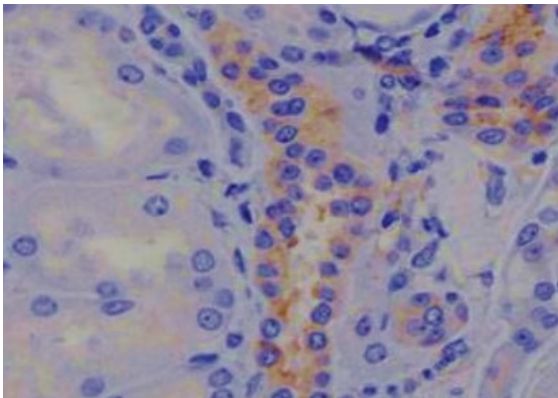
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HIP1
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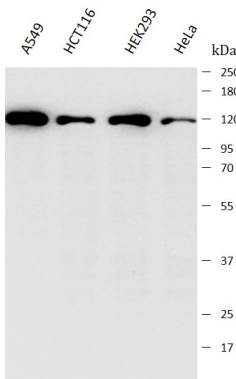
Gene Full Name	huntingtin interacting protein 1
Background	The product of this gene is a membrane-associated protein that functions in clathrin-mediated endocytosis and protein trafficking within the cell. The encoded protein binds to the huntingtin protein in the brain; this interaction is lost in Huntington's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Function	Plays a role in clathrin-mediated endocytosis and trafficking. Involved in regulating AMPA receptor trafficking in the central nervous system in an NMDA-dependent manner. Enhances androgen receptor (AR)-mediated transcription. May act as a proapoptotic protein that induces cell death by acting through the intrinsic apoptosis pathway. Binds 3-phosphoinositides (via ENTH domain). May act through the ENTH domain to promote cell survival by stabilizing receptor tyrosine kinases following ligand-induced endocytosis. May play a functional role in the cell filament networks. May be required for differentiation, proliferation, and/or survival of somatic and germline progenitors. [UniProt]
Calculated Mw	116 kDa

Images



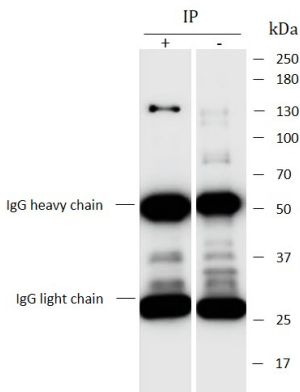
ARG44673 anti-HIP1 / Huntingtin Interacting Protein antibody IHC-P image

Immunohistochemistry: Human Kidney stained with ARG44673 anti-HIP1 / Huntingtin Interacting Protein antibody at 5 µg/mL dilution.



ARG44673 anti-HIP1 / Huntingtin Interacting Protein antibody WB image

Western blot: A549, HCT116, HEK293, HeLa stained with ARG44673 anti-HIP1 / Huntingtin Interacting Protein antibody at 1 µg/mL dilution.



ARG44673 anti-HIP1 / Huntingtin Interacting Protein antibody IP image

Immunoprecipitation: A549 lysate immunoprecipitated with 2.5 µg of ARG44673 anti-HIP1 / Huntingtin Interacting Protein antibody.