

ARG56341 anti-HIP1 / Huntingtin Interacting Protein antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HIP1 / Huntingtin Interacting Protein
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HIP1 / Huntingtin Interacting Protein
Species	Human
Immunogen	Recombinant protein of Human HIP1 / Huntingtin Interacting Protein
Conjugation	Un-conjugated
Alternate Names	HIP-I; SHONGamma; SHONbeta; ILWEQ; Huntingtin-interacting protein 1; Huntingtin-interacting protein I; HIP-1; SHON

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SW480	

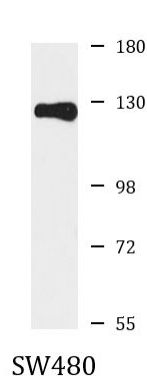
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

Database links	GeneID: 215114 Mouse GeneID: 3092 Human Swiss-port # O00291 Human Swiss-port # Q8VD75 Mouse
Gene Symbol	HIP1
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



ARG56341 anti-HIP1 / Huntingtin Interacting Protein antibody WB image

Western blot: SW480 cell lysate stained with ARG56341 anti-HIP1 / Huntingtin Interacting Protein antibody.