

## DATASHEET

# HIP1 Rabbit Polyclonal Antibody

CAT. NO. APA13011

### KEY FEATURES

Target	HIP1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

### BACKGROUND

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 . Regulates presynaptic nerve terminal activity . 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 .

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

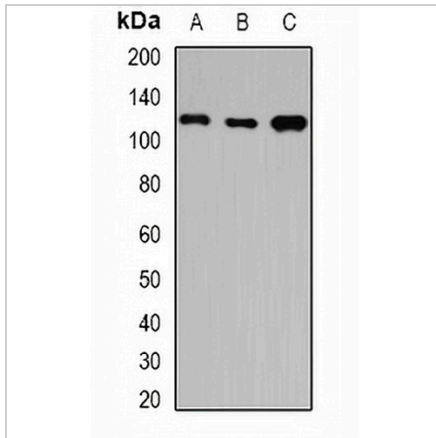
Description	Rabbit polyclonal antibody to HIP1
Specificity	Recognizes endogenous levels of HIP1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human HIP1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 110; Observed: 120 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Huntingtin-interacting protein 1; HIP-1; Huntingtin-interacting protein I; HIP-I
Gene Symbol	HIP1
Entrez Gene	3092(Human); 215114(Mouse)
SwissProt	O00291(Human); Q8VD75(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of HIP1 expression in A549 (A), SW480 (B), mouse brain (C) whole cell lysates. (Predicted band size: 110; 113; 116 kD; Observed band size: 120 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.