

HIP1 Rabbit pAb

CatalogNo: YN6579

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 114kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human HIP1

Specificity This antibody detects endogenous levels of HIP1 at Human, Mouse

Target Information

Gene name HIP1

Protein Name Huntingtin-interacting protein 1 (HIP-1) (Huntingtin-interacting protein I) (HIP-I)

Organism	Gene ID	UniProt ID
Human	3092 ;	O00291 ;
Mouse	215114 ;	Q8VD75 ;

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

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

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 (By similarity). Regulates presynaptic nerve terminal activity (By similarity). 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 .

| Validation Data

| Contact information

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HIP1 Rabbit pAb

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