

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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