

Product datasheet

HUNTINGTIN-INTERACTING PROTEIN 1 (HIP1) RABBIT POLYCLONAL ANTIBODY

SKU: MM-0031

100 µL

OVERVIEW

Clonality:

Polyclonal

Host:

Rabbit

Reactivity:

Human, Rat

Application:

WB, IF

Target:

Huntingtin-Interacting Protein 1 (HIP1)

Target background:

Huntington's disease (HD) is an inherited neurodegenerative disorder characterized by the expression of an expanded polyglutamine tract in the protein huntingtin. HIP1 (huntingtin interacting protein 1) binds to normal huntingtin but this interaction is lost in HD. HIP1 also binds to components of clathrin-coated pits and vesicles and is a marker of clathrin-coated membranes. HIP1 expression levels are altered in several types of cancer.

Target alias:

HIP1

Immunogen:

peptide in C term

Specificity:

The antibody recognizes the C-terminal portion of HIP1

Clone ID:

Preservative:

None

Format:

Immunogen affinity purified in glycerol/PBS pH7.4

Recommend starting dilution:

If diluted with deionized water in 100 μ L: WB 1:500-1:2500; IF 1:10-1:100. Optimal dilution has to be determined by the user.

Limitations:

Research Use Only

References:

- 1.-Engqvist-Goldstein AE - An actin-binding protein of the Sla2/Huntingtin interacting protein 1 family is a novel component of clathrin-coated pits and vesicles.
- 2.-Kalchman MA - HIP1, a human homologue of *S. cerevisiae* Sla2p, interacts with membrane-associated huntingtin in the brain.
- 3.-Rao DS - Huntingtin-interacting protein 1 is overexpressed in prostate and colon cancer and is critical for cellular survival.

Storage:

Antibodies diluted in glycerol can be kept at 4°C for up to 2 months and should be kept at -20°C for long-term storage (1 year). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer. After the maximum long-term storage period (1 year -20°C or 2 months 4°C) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy.

Image:

