MÉDIMABS
ANTIBODY SPECIALIST

# Product datasheet

## HUNTINGTIN-INTERACTING PROTEIN 1-RELATED (HIP1R) RABBIT POLYCLONAL ANTIBODY

**SKU:** MM-0032

100 µL

### OVERVIEW

**Clonality:**
Polyclonal

**Host:**
Rabbit

**Reactivity:**
Human, Rat

**Application:**
WB, IF

**Target:**
Huntingtin-Interacting Protein 1-Related (HIP1R)

**Target background:**
HIP1R (huntingtin interacting protein 1 related) was first cloned based on its sequence similarity with HIP1 (Huntingtin Interacting Protein 1). HIP1 binds to normal huntingtin but this interaction is lost in Huntington's disease (HD). HIP1 also binds to components of clathrin-coated pits and vesicles and is a marker of clathrin-coated membranes. HIP1R colocalizes with and binds to actin and this interaction may link the endocytic machinery to the actin cytoskeletal dynamic processes.

**Target alias:**
HIP1-related protein, Huntingtin-interacting protein 12, HIP-12, HIP1R

**Immunogen:**
peptide in C term

**Specificity:**
The antibody recognizes the C-terminal portion of HIP1R

**Clone ID:**
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**Preservative:**
None

**Format:**
Immunogen affinity purified in glycerol/PBS pH7.4

**Recommend starting dilution:**
If diluted with deionized water in 100 µL: WB 1:500-1:2500; IF 1:50-1:250. 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.-Poupon V - Clathrin light chains function in mannose phosphate receptor trafficking via regulation of actin assembly.

3.-Seki N - Cloning, expression analysis, and chromosomal localization of HIP1R, an isolog of huntingtin interacting protein (HIP1).

**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.

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