

Recombinant HIP2/LIG Monoclonal Antibody

catalog number: AN301704L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

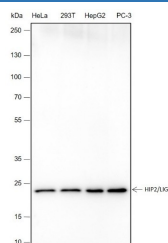
Reactivity	Human
Immunogen	Recombinant human HIP2/LIG fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C331326
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot with HIP2/LIG Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa, Lane 2: 293T, Lane 3: HepG2, Lane 4: PC-3

Observed-MW:22 kDa

Calculated-MW:22 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Huntingtin-interacting protein 2 (HIP2/LIG), is a E2 ubiquitin-conjugating enzyme, which accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro, HIP2/LIG catalyzes the synthesis of 'Lys-48'-linked polyubiquitin chains in the presence or in the absence of BRCA1-BARD1 E3 ubiquitin-protein ligase complex, while it does not transfer ubiquitin directly to but elongates monoubiquitinated substrate protein. Moreover, HIP2/LIG mediates the selective degradation of short-lived and abnormal proteins, such as the endoplasmic reticulum-associated degradation (ERAD) of misfolded luminal proteins.

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