

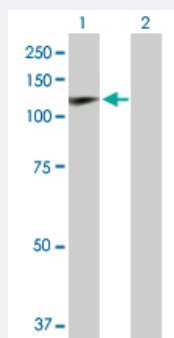
MaxPab®

HIP1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003092-D01P

Size 100 ug

Applications

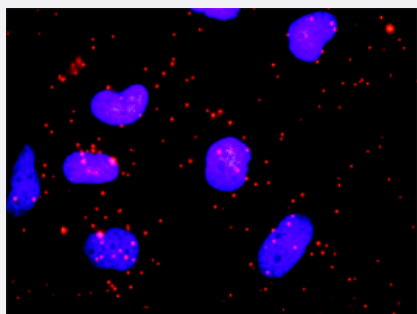


Western Blot (Transfected lysate)

Western Blot analysis of HIP1 expression in transfected 293T cell line ([H00003092-T01](#)) by HIP1 MaxPab polyclonal antibody.

Lane 1: HIP1 transfected lysate (116.20 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between HIP1 and CLTC. HeLa cells were stained with anti-HIP1 rabbit purified polyclonal 1:1200 and anti-CLTC mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human HIP1 protein.

Immunogen

HIP1 (NP_005329.3, 1 a.a. ~ 1037 a.a) full-length human protein.

Sequence

MDRMASMKQVPNPLPKVLSRRGVGAGLEAAERESFERTQTVSINKAINTQEAVVKEKHARTCIL
GTHHEKGAQTFWSVVNRLPLSSNAVLCWKFCFHVFKLLRDGHPNVLKDSLRYRNELSDMSRM
WGHLSEGYGQLCSYMLKLLRTKMEYHTKNPRFPGNLQMSDRQLDEAGESDVNNFFQLTVEMFDY
LECELNLFQTVFNSLDMRSVSVTAAGQCRLAPLIQVILDCSHLYDYTVKLLFKLHSCLPADTLQG
HRDRFMEQFTKLKDLFYRSSNLQYFKRLIQPLPENPPNFLRASALSEHISPVVIPAEASSPDSE
PVLEKDDLMDMDASQQNLFDNKFDDIFGSSFSDDPFNFNSQNGVKNDEKDHIERLYREISGLKA
QLENMKTESQRRVVLQKGVHSELEADLAEQQHLRQQAADDCEFLRAELDELRRQREDTEKAQR
SLSEIERKAQANEQRYSKLKEKYSELVQNHADLLRKNAEVTKQVSMARQAQVDLEREKKELEDS
LERISDQGGQRKTQEQLVLES�KQELATSQRELQVLQGSLETSQSEANWAAEFAELEKERDSL
VSGAAHREEELSALRKELQDTQLKLASTEESMCQLAKDQRKMLLVGSRKAAEQVIQDALNQLEE
PPLISCAGSADHLLSTVTSISSCIEQLEKSWSQLACPEDISGLLHSITLLAHLTSDAIAHGATTCLRA
PPEPADSLTEACKQYGRETAYLASLEEEGSLNADSTAMRNCLSKIKAIGEELLPRGLDIKQEEL
GDLVDKEMAATSAAIETATARIEEMLSKSRAGDTGVKLEVNERILGCCTSLMQAIQVLVASKDLQR
EVESGRGTASPKEFYAKNSRWTEGLISASKAVGWGATVMVDAADLVVQGRGKFEELMVCSEI
AATAQLVAASKVKADKDSPNLAQLQQASRGVNQATAGVVASTISGKSQIEETDNMDFSSMTLT
QIKRQEMDSQVRVLELENELQKERQKLGE LRKKHYELAGVAEGWEEGTEASPPTLQEVVTEKE

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Transfected lysate)

Western Blot analysis of HIP1 expression in transfected 293T cell line ([H00003092-T01](#)) by HIP1 MaxPab polyclonal antibody.

Lane 1: HIP1 transfected lysate(116.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

● *In situ* Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between HIP1 and CLTC. HeLa cells were stained with anti-HIP1 rabbit purified polyclonal 1:1200 and anti-CLTC mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Info — HIP1

Entrez GeneID

[3092](#)

GeneBank Accession#	NM_005338.4
Protein Accession#	NP_005329.3
Gene Name	HIP1
Gene Alias	ILWEQ, MGC126506
Gene Description	huntingtin interacting protein 1
Omim ID	176807 601767
Gene Ontology	Hyperlink
Gene Summary	<p>The product of this gene is a membrane-associated protein that colocalizes with huntingtin. This protein has similarities to cytoskeleton proteins and its interaction with huntingtin is thought to play a functional role in the cell filament network. Loss of normal huntingtin-HIP1 interaction in Huntington disease may contribute to a defect in membrane-cytoskeletal integrity in the brain. This gene could help in the understanding of the normal function of huntingtin and also the pathogenesis of Huntington disease. It also has been implicated in the pathogenesis of hematopoietic malignancies. An alternative splice variant of this gene has been described but its full length sequence has not been determined. [provided by RefSeq]</p>
Other Designations	-

Disease

- [Huntington disease](#)