

Rabbit anti-Human HIP1/Huntingtin-interacting Protein 1 Polyclonal Antibody | anti-HIP1 antibody

Rabbit anti-HIP1/Huntingtin-interacting Protein 1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213134	Rabbit	Human	Immunoprecipitation, Western Blot

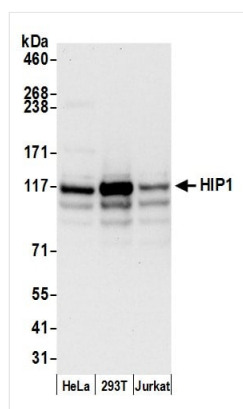
PRODUCT SYNONYMS

HIP1/Huntingtin-interacting Protein 1; Polyclonal Antibody; Rabbit anti-HIP1/Huntingtin-interacting Protein 1 Antibody; Affinity Purified; ILWEQ; SHON; SHONbeta; huntingtin-interacting protein 1; HIP-1; HIP-I; SHONgamma; huntingtin-interacting protein I; Huntingtin-interacting protein 1; huntingtin interacting protein 1; anti-HIP1 antibody

PRODUCT SPECIFICATIONS

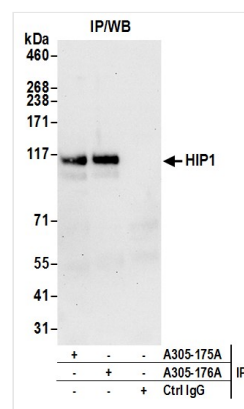
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HIP1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 725 and 775
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human HIP1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HIP1 antibody AAA213134 (lot AAA213134-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human HIP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HIP1 antibody AAA213134 (lot AAA213134-1) used for IP at 6 ug per reaction. HIP1 was also immunoprecipitated by rabbit anti-HIP1 antibody For blotting immunoprecipitated HIP1, AAA213134 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HIP1 antibody	The product of gene HIP1, Huntingtin-interacting protein 1, is a membrane-associated protein that functions in clathrin-mediated endocytosis and protein trafficking within the cell. The encoded protein, as its name would imply, binds to huntingtin protein in the brain and this interaction is lost in Huntington's disease [taken from NCBI Entrez Gene (Gene ID: 3092)].
Product Categories/Family for anti-HIP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38045919
NCBI GeneID	3092
NCBI Accession #	NP_005329.3
NCBI GenBank Nucleotide #	NM_005338.6
UniProt Accession #	O00291; O00328; Q2TB58; Q8TDL4; B4E3I7; E7ES17
Molecular Weight	– Da
NCBI Official Full Name	huntingtin-interacting protein 1 isoform 1
NCBI Official Synonym Full Names	huntingtin interacting protein 1
NCBI Official Symbol	HIP1
NCBI Official Synonym Symbols	HIP-I; ILWEQ
NCBI Protein Information	huntingtin-interacting protein 1; huntingtin-interacting protein I
UniProt Protein Name	Huntingtin-interacting protein 1
UniProt Gene Name	HIP1
UniProt Synonym Gene Names	HIP-1; HIP-I
UniProt Entry Name	HIP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.