

Rabbit anti-Human, Mouse STUB1/CHIP Polyclonal Antibody | anti-STUB1/CHIP antibody

Rabbit anti-STUB1/CHIP Antibody, Affinity Purified

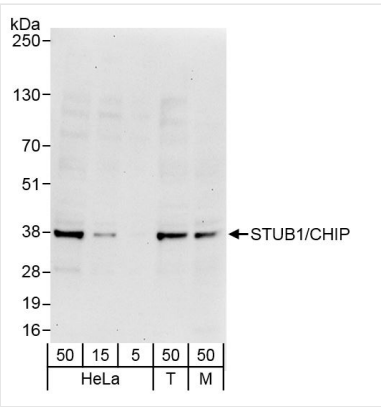
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211539	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

STUB1/CHIP; Polyclonal Antibody; Rabbit anti-STUB1/CHIP Antibody; Affinity Purified; NY-CO-7; STIP1 homology and U-box containing protein 1; E3 ubiquitin protein ligase; STIP1 homology and U box-containing protein 1; serologically defined colon cancer antigen 7; SDCCAG7; UBOX1; RING-type E3 ubiquitin transferase CHIP; heat shock protein A binding protein 2 (c-terminal); E3 ubiquitin-protein ligase CHIP; CLL-associated antigen KW-8; CHIP; carboxy terminus of Hsp70-interacting protein; antigen NY-CO-7; HSPABP2; SCAR16; anti-STUB1/CHIP antibody

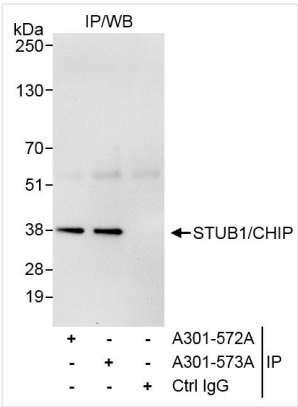
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-STUB1/CHIP antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse STUB1/CHIP by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-STUB1/CHIP antibody AAA211539 (lot AAA211539-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human STUB1/CHIP by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-STUB1/CHIP antibody AAA211539 (lot AAA211539-1) used for IP at 3 ug/mg lysate. STUB1/CHIP was also immunoprecipitated by rabbit anti-STUB1/CHIP antibody A301-573A, which recognizes a downstream epitope. For blotting immunoprecipitated STUB1/CHIP, AAA211539 was used at 0.1 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-STUB1/CHIP antibody	STUB1/CHIP is an E3 ubiquitin ligase and co-chaperone of heat-shock protein 70 (Hsp70). STUB1/CHIP interacts with Hsp70 to monitor protein folding and direct misfolded proteins for proteasomal degradation. It has been found to also associate with Hsp90 to remove phosphorylated protein tau, a protein that accumulates in the brains of Alzheimers and Down's syndrome patients. STUB1/CHIP has been reported to also have intrinsic chaperone activity and recognize non-native proteins in response to heat stress. In this way, STUB1/CHIP has been shown to be a direct chaperone for p53.
Product Categories/Family for anti-STUB1/CHIP antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	56181387
NCBI GeneID	10273
NCBI Accession #	NP_005852.2
NCBI GenBank Nucleotide #	NM_005861.3
UniProt Accession #	Q9UNE7; O60526; Q969U2; Q9HBT1; A2IDB9
Molecular Weight	27,067 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase CHIP isoform a
NCBI Official Synonym Full Names	STIP1 homology and U-box containing protein 1, E3 ubiquitin protein ligase
NCBI Official Symbol	STUB1
NCBI Official Synonym Symbols	CHIP; UBOX1; SCAR16; HSPABP2; NY-CO-7; SDCCAG7
NCBI Protein Information	E3 ubiquitin-protein ligase CHIP; antigen NY-CO-7; CLL-associated antigen KW-8; serologically defined colon cancer antigen 7; carboxy terminus of Hsp70-interacting protein; heat shock protein A binding protein 2 (c-terminal)
UniProt Protein Name	E3 ubiquitin-protein ligase CHIP
UniProt Gene Name	STUB1
UniProt Entry Name	CHIP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/stub1-chip-antibody-immunoprecipitation-western-blot-elisa/211539>