

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

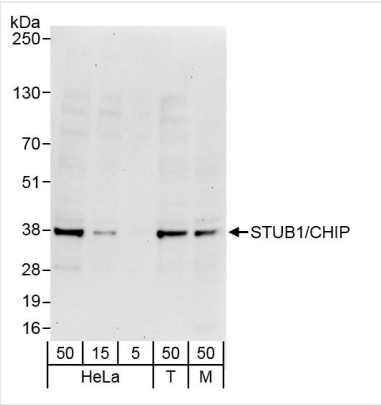
PRODUCT SYNONYMS

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

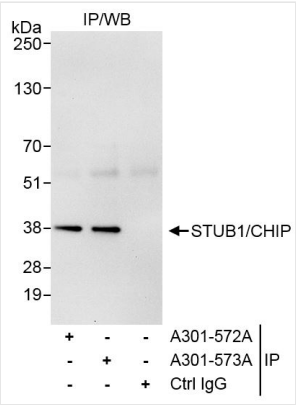
PRODUCT SPECIFICATIONS

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

IMAGES



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

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://www.aaabiotech.com/polyclonal/stub1-chip-antibody-immunoprecipitation-western-blot-elisa/211539>