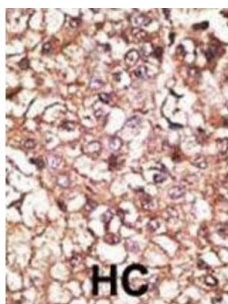


STIP1 Homology And U-Box Containing Protein 1 (STUB1) Antibody

Catalogue No.: abx025112



CHIP is an E3 ligase for nNOS whose action is facilitated by (and possibly requires) its interaction with nNOS-bound hsp70. Co-chaperone CHIP, possibly with another E3 ligase (s), modulates the ubiquitylation of mutant Cu/Zn-superoxide dismutase and renders them more susceptible for proteasomal degradation. CHIP functions as a negative regulator of AR transcriptional activity by promoting AR degradation. CHIP-Hsc70 complex ubiquitinates phosphorylated tau and enhances cell survival. CHIP can interact with the Smad1/Smad4 proteins and block BMP signal transduction through the ubiquitin-mediated degradation of Smad proteins. CHIP E3 controls both the association of Hsp70/Hsp90 chaperones with ErbB2 and the down-regulation of ErbB2 induced by inhibitors of Hsp90. CHIP is associated with Parkin and enhances its ubiquitin ligase activity related to Parkinson's disease.

Target: STIP1 Homology And U-Box Containing Protein 1 (STUB1)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC

Datasheet

Version: 2.0.0
Revision date: 20 Mar 2025



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| Host: | Rabbit |
| Recommended dilutions: | WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | KLH-conjugated synthetic peptide between 203-231 amino acids from the C-terminal region of human STUB1. |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified Rabbit Polyclonal Antibody. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | Q9UNE7 (UniProt , ExPASy) |
| NCBI Accession: | NP_005852.2 |
| String: | 9606.ENSP00000219548 |
| Molecular Weight: | Calculated MW: 34.9 kDa |
| Buffer: | PBS containing 0.09% sodium azide. |
| Specificity: | Predicted to react with Mouse and Chicken STUB1. |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |