

Datasheet for ABIN390386
anti-STUB1 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	STUB1
Binding Specificity:	AA 203-231, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STUB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This STUB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 203-231 amino acids from the C-terminal region of human STUB1.
Clone:	RB7393
Isotype:	Ig Fraction
Predicted Reactivity:	C, M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	STUB1
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Target Details

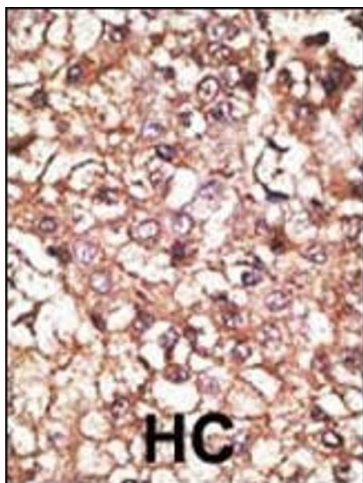
Alternative Name:	CHIP (STUB1) (STUB1 Products)
Background:	CHIP is an E3 ligase for nNOS whose action is facilitated by (and possibly requires) its interaction with nNOS-bound hsp70. Co-chaperone CHIP, possibly with another E3 ligase(s), modulates the ubiquitylation of mutant Cu/Zn-superoxide dismutase 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.
Molecular Weight:	34856
Gene ID:	10273
NCBI Accession:	NP_005852
UniProt:	Q9UNE7
Pathways:	Regulation of Hormone Metabolic Process , Response to Water Deprivation

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:50~100
Restrictions:	For Research Use only

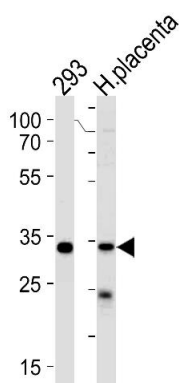
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.



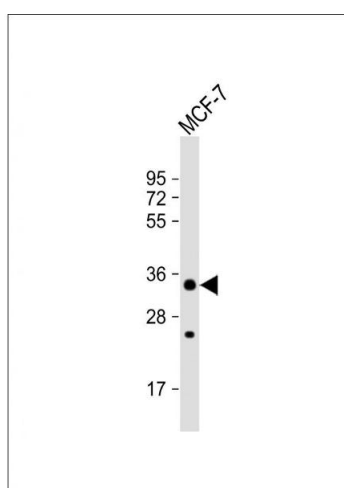
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



Western Blotting

Image 2. CHIP Antibody (C-term) (ABIN390386 and ABIN2837936) western blot analysis in 293 cell line and human placenta lysates (35 µg/lane). This demonstrates the CHIP antibody detected the CHIP protein (arrow).



Western Blotting

Image 3. Anti-CHIP C-term at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 35 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN390386.