

## ARG63584 anti-STUB1 / CHIP antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes STUB1 / CHIP
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	STUB1 / CHIP
Species	Human
Immunogen	C-DAFISENGWVEDY
Conjugation	Un-conjugated
Alternate Names	NY-CO-7; Antigen NY-CO-7; UBOX1; EC 6.3.2.-; E3 ubiquitin-protein ligase CHIP; SDCCAG7; CHIP; STIP1 homology and U box-containing protein 1; HSPABP2; SCAR16; Carboxy terminus of Hsp70-interacting protein; CLL-associated antigen KW-8

### Application Instructions

Application table	Application	Dilution
	IHC-P	Assay - dependent
	WB	0.3 - 1 µg/ml

**Application Note**  
WB: Recommend incubate at RT for 1h.  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links

[GeneID: 10273 Human](#)

[Swiss-port # Q9UNE7 Human](#)

Background

STUB1, or CHIP, is a ubiquitin ligase/cochaperone that participates in protein quality control by targeting a broad range of chaperone protein substrates for degradation (Min et al., 2008 [PubMed 18411298]).[supplied by OMIM, Jul 2009]

Research Area

Gene Regulation antibody; Signaling Transduction antibody

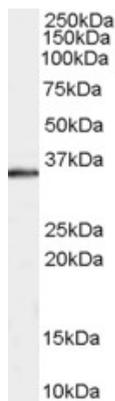
Calculated Mw

35 kDa

PTM

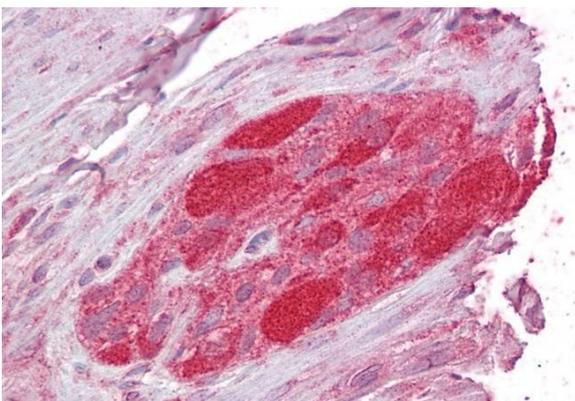
Monoubiquitinated at Lys-2 following cell stress by UBE2W, promoting the interaction with ATXN3 (By similarity). Auto-ubiquitinated; mediated by UBE2D1 and UBE2D2.

## Images



ARG63584 anti-STUB1 / CHIP antibody WB image

Western Blot: Human Muscle lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63584 anti-STUB1 / CHIP antibody at 0.3 µg/ml dilution.



ARG63584 anti-STUB1 / CHIP antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63584 anti-STUB1 / CHIP antibody at 2.5 µg/ml dilution followed by AP-staining.