

Rabbit STUB1 Polyclonal Antibody | anti-STUB1 antibody

STUB1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199216	Rabbit	Cow, Guinea Pig, Human, Mouse, Rat, Zebrafish	Western Blot, Immunohistochemistry

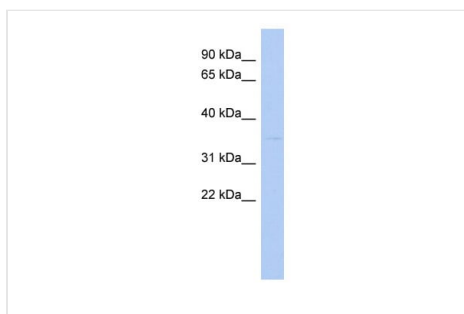
PRODUCT SYNONYMS

STUB1; Polyclonal Antibody; STUB1 antibody - N-terminal region; anti-STUB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Guinea Pig, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MK GKEEKEGGAR LGAGGGSPEK SPSAQELKEQ GNRLFVGRKY PEAAACYG
Sequence Length	303
Applicable Applications for anti-STUB1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human STUB1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

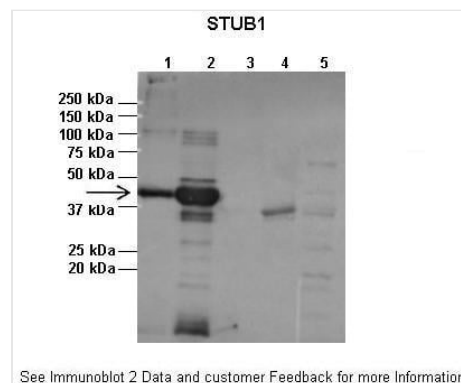
IMAGES



WB (Western Blot)

WB Suggested Anti-STUB1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive

Control: Human Spleen

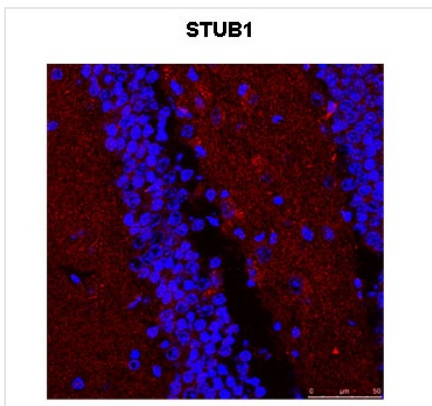


WB (Western Blot)

Lanes: 1: 1ug insoluble STUB1 protein, 2: 1ug soluble STUB1 protein, 3: 1ug EPM2A protein, 4: 1ug insoluble PPP1R3C protein, 5: 1ug soluble PPP1R3C protein

Primary Antibody Dilution: 1:2500 Secondary Antibody: Anti-rabbit-AP Secondary Antibody Dilution: 1:20,000

Gene Name: STUB1 Submitted by: Pedro Castanheira, Biocant



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-STUB1 antibody	This is a rabbit polyclonal antibody against STUB1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: STUB1 modulates the activity of several chaperone complexes, including Hsp70, Hsc70 and Hsp90. It has E3 ubiquitin-protein ligase activity and targets misfolded chaperone substrates towards proteasomal degradation. STUB1 mediates transfer of non-canonical short ubiquitin chains to HSPA8 that have no effect on HSPA8 degradation.
Product Categories/Family for anti-STUB1 antibody	Polyclonal; Drugs and Drug Metabolism; E3 & Ubiquitin; Immunohistochemistry; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	56181387
NCBI GeneID	10273
NCBI Accession #	NP_005852
NCBI GenBank Nucleotide #	NM_005861
UniProt Accession #	Q9UNE7
Molecular Weight	35kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase CHIP isoform a
NCBI Official Synonym Full Names	STIP1 homology and U-box containing protein 1
NCBI Official Symbol	STUB1
NCBI Official Synonym Symbols	CHIP; SCA48; UBOX1; SCAR16; HSPABP2; NY-CO-7; SDCCAG7
NCBI Protein Information	E3 ubiquitin-protein ligase CHIP
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.