

Rabbit STUB1 Polyclonal Antibody | anti-STUB1 antibody

STUB1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199217	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Immunohistochemistry, Western Blot

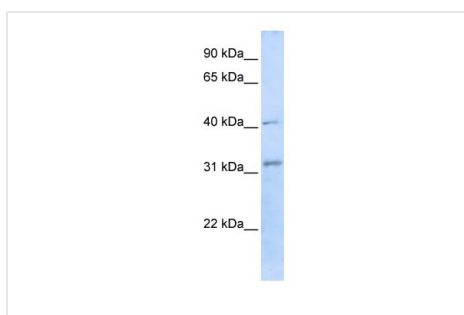
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

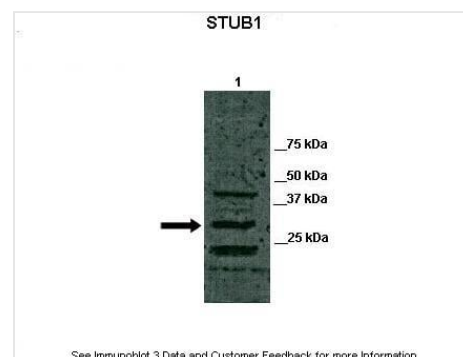
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: VD EKRKKRDIPD YLCGKISFEL MREPCITPSG ITYDRKDIEE HLQRVGHF
Sequence Length	303
Applicable Applications for anti-STUB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C 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



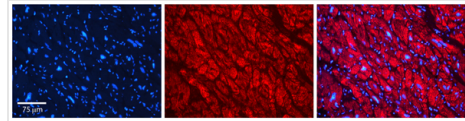
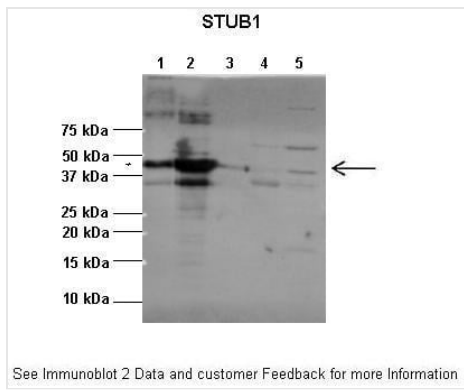
WB (Western Blot)

WB Suggested Anti-STUB1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Transfected 293T



WB (Western Blot)

Lanes: Lane 1: 40ug canine retina lysate
Primary Antibody Dilution: 1:1000
Secondary Antibody: Goat anti-rabbit-HRP
Secondary Antibody Dilution: 1:5000
Gene Name: STUB1
Submitted by: Dr. Stefania Marsili and Dr. William Beltran, University of Pennsylvania



IHC (Immunohistochemistry)

Rabbit Anti-STUB1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

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

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](#); [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.

