

Rabbit HIP2 Polyclonal Antibody | anti-UBE2K antibody

HIP2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289448	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Immunofluorescence, Western Blot, Immunohistochemistry, ELISA

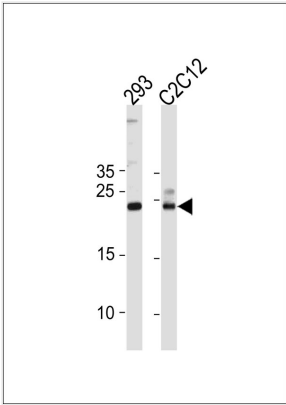
PRODUCT SYNONYMS

HIP2; Polyclonal Antibody; HIP2 Antibody (Center); Ubiquitin-conjugating enzyme E2 K; Huntingtin-interacting protein 2; HIP-2; Ubiquitin carrier protein; Ubiquitin-conjugating enzyme E2-25 kDa; Ubiquitin-conjugating enzyme E2(25K); Ubiquitin-conjugating enzyme E2-25K; Ubiquitin-protein ligase; UBE2K; LIC; anti-UBE2K antibody

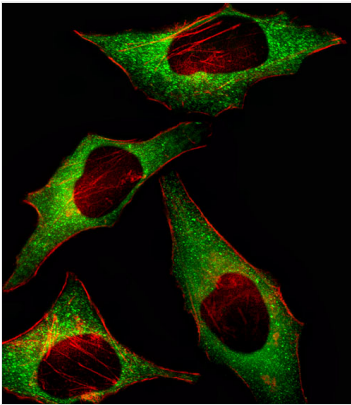
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HIP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-139 amino acids from the Central region of human HIP2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	109-139
Sequence Length	157
Applicable Applications for anti-UBE2K antibody	IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

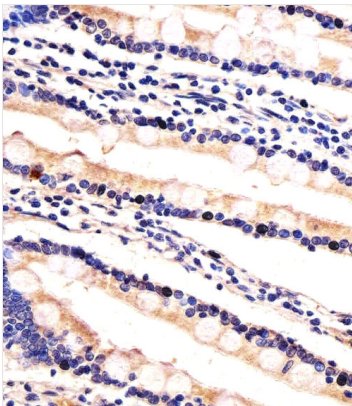
IMAGES



WB (Western Blot)
HIP2 Antibody (D124) western blot analysis in 293,mouse C2C12 cell line lysates (35ug/lane).This demonstrates the HIP2 antibody detected the HIP2 protein (arrow).



IF (Immunofluorescence)
Fluorescent image of HeLa cell stained with HIP2 Antibody (Center). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with HIP2 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). HIP2 immunoreactivity is localized to Cytoplasm significantly.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. small intestine section using HIP2 Antibody (Center). AAA289448 was diluted at 1:100 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2K antibody	HIP2 belongs to the ubiquitin-conjugating enzyme family. It binds selectively to a large region at the N terminus of huntingtin. This interaction is not influenced by the length of the huntingtin polyglutamine tract. This protein has been implicated in the degradation of huntingtin and suppression of apoptosis.
Product Categories/Family for anti-UBE2K antibody	Crown Antibodies; Cell Biology; Neuroscience
References	Furukawa, Y., et al., Electrophoresis 21(2):338-346 (2000). Kikuchi, J., et al., Arterioscler. Thromb. Vasc. Biol. 20(1):128-134 (2000). Petersen, A., et al., Exp. Neurol. 157(1):1-18 (1999). Kalchman, M.A., et al., J. Biol. Chem. 271(32):19385-19394 (1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	163660385
NCBI GeneID	3093
NCBI Accession #	NP_001104582.1; NP_001104583.1; NP_005330.1

NCBI GenBank Nucleotide #	NM_001111112.1
UniProt Accession #	P61086 ; O54806 ; P27924 ; Q16721 ; Q9CJV9 ; Q9Y2D3 ; A6NJC1 ; A8K5Y9 ; B2RDF8 ; C9JGP1
Molecular Weight	22407
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 K isoform 2
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2K
NCBI Official Symbol	UBE2K
NCBI Official Synonym Symbols	LIG; HIP2; HYPG; UBC1; E2-25K
NCBI Protein Information	ubiquitin-conjugating enzyme E2 K
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 K
UniProt Gene Name	UBE2K
UniProt Synonym Gene Names	HIP2; LIG; HIP-2; Ubiquitin-conjugating enzyme E2(25K); Ubiquitin-conjugating enzyme E2-25K
UniProt Entry Name	UBE2K_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hip2-antibody-immunofluorescence-western-blot-immunohistochemistry-elisa/289448>