

Rabbit anti-Human HECW2 Polyclonal Antibody | anti-HECW2 antibody

HECW2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324689	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

HECW2; Polyclonal Antibody; HECW2 Antibody; C2 and WW domain-containing protein 2; E3 ubiquitin protein ligase HECW2; E3 ubiquitin-protein ligase HECW2; HECT; C2 and WW domain containing E3 ubiquitin protein ligase 2; Hecw2; HECW2_HUMAN; KIAA130; KIAA1301; NEDD4 like E3 ubiquitin protein ligase 2; NEDD4 Related E3 Ubiquitin Ligase; NEDD4-like E3 ubiquitin-protein ligase 2; anti-HECW2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	HECW2 antibody detects endogenous levels of total HECW2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1572
Applicable Applications for anti-HECW2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Predominantly expressed in adult brain, lung and heart.
Predicted Cross Reactivity	Sheep, Rabbit
Similarity	Sheep (89%), Rabbit (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324689 staining LOVO cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from LOVO cells using HECW2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HECW2 antibody

Function: E3 ubiquitin-protein ligase that mediates ubiquitination of TP73. Acts to stabilize TP73 and enhance activation of transcription by TP73 (PubMed:12890487). Involved in the regulation of mitotic metaphase/anaphase transition (PubMed:24163370).
Subunit Structure: Interacts with TP73 (PubMed:12890487). Interacts with FZR1 (PubMed:24163370).
Post-translational Modifications: Ubiquitinated and degraded during mitotic exit by APC/C-Cdh1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55741473
NCBI GeneID	57520
NCBI Accession #	NP_065811.1
NCBI GenBank Nucleotide #	NM_020760.3
UniProt Accession #	Q9P2P5; Q17RT5; Q68DF8; Q9NPS9; B8ZZB4
Molecular Weight	Observed: 140-150 kD Predicted: 176 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase HECW2 isoform 1
NCBI Official Synonym Full Names	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2
NCBI Official Symbol	HECW2
NCBI Official Synonym Symbols	NEDL2; NDHSAL
NCBI Protein Information	E3 ubiquitin-protein ligase HECW2
UniProt Protein Name	E3 ubiquitin-protein ligase HECW2
UniProt Gene Name	HECW2
UniProt Synonym Gene Names	KIAA1301; NEDL2

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/hecw2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324689>