

# Anti-HECW2 Antibody

Rabbit polyclonal antibody to HECW2

Catalog # AP60112

## Product Information

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<b>Application</b>	WB, IF/IC
<b>Primary Accession</b>	<a href="#">Q9P2P5</a>
<b>Other Accession</b>	<a href="#">Q6I6G8</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	175769

## Additional Information

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<b>Gene ID</b>	57520
<b>Other Names</b>	KIAA1301; NEDL2; E3 ubiquitin-protein ligase HECW2; HECT, C2 and WW domain-containing protein 2; NEDD4-like E3 ubiquitin-protein ligase 2
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HECW2. The exact sequence is proprietary.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IF/IC~~N/A
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	HECW2
<b>Synonyms</b>	KIAA1301, NEDL2
<b>Function</b>	E3 ubiquitin-protein ligase that mediates ubiquitination of TP73. Acts to stabilize TP73 and enhance activation of transcription by TP73 (PubMed: <a href="#">12890487</a> ). Involved in the regulation of mitotic metaphase/anaphase transition (PubMed: <a href="#">24163370</a> ).
<b>Cellular Location</b>	Cytoplasm. Cytoplasm, cytoskeleton, spindle
<b>Tissue Location</b>	Predominantly expressed in adult brain, lung and heart.

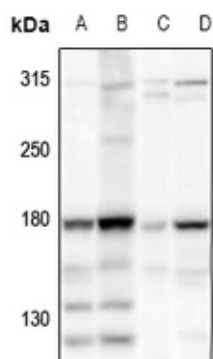
## Background

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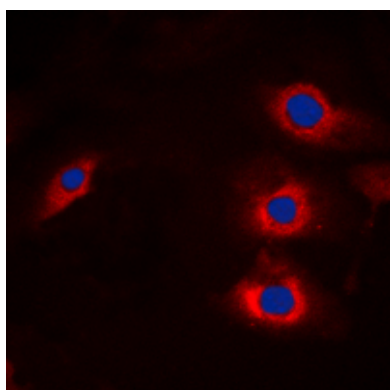
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HECW2. The exact sequence is proprietary.

## Images

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Western blot analysis of HECW2 expression in H1792 (A), A549 (B), PMVEC (C), AML12 (D) whole cell lysates.



Immunofluorescent analysis of HECW2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.