For research purposes only, not for human use

Product Data Sheet

Anti-HECW2 Antibody

Catalog #	Source	Reactivity	Applications
CPA3425	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to HECW2
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HECW2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of HECW2 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)
Gene Symbol	HECW2
Alternative Names	KIAA1301; NEDL2; E3 ubiquitin-protein ligase HECW2; HECT, C2 and WW domain-containing protein 2; NEDD4-like E3 ubiquitin-protein ligase 2
Entrez Gene	57520 (Human); 329152 (Mouse)
SwissProt	Q9P2P5 (Human); Q6I6G8 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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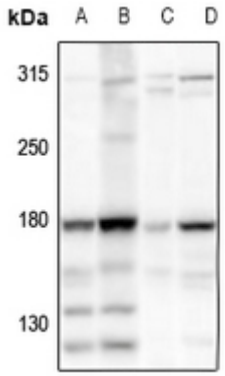
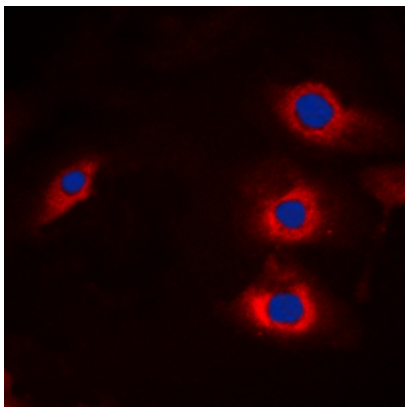


Western blot analysis of HECW2 expression in H1792 (A), A549 (B), PMVEC (C), AML12 (D) whole cell lysates. (Predicted band size: 175 kD; Observed band size: 175 kD)



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).

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