10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-HECW2 Antibody

Catalog # AP60112

Product Information

Application	WB, IF/IC
Primary Accession	Q9P2P5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	175769

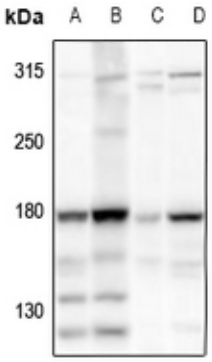
Additional Information

Gene ID	57520
Other Names	KIAA1301; NEDL2; E3 ubiquitin-protein ligase HECW2; HECT, C2 and WW domain-containing protein 2; NEDD4-like E3 ubiquitin-protein ligase 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HECW2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

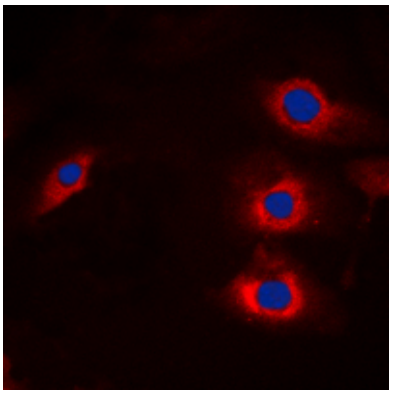
Protein Information

Name	HECW2
Synonyms	KIAA1301, NEDL2
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).
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton, spindle
Tissue Location	Predominantly expressed in adult brain, lung and heart.

Images



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).

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