

# **HECW2 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP16705c

#### **Product Information**

Application WB, E Primary Accession Q9P2P5

Other Accession Q6I6G8, NP\_065811.1

Reactivity Human, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Clone Names RB36060
Calculated MW 175769
Antigen Region 848-876

## **Additional Information**

**Gene ID** 57520

Other Names E3 ubiquitin-protein ligase HECW2, 632-, HECT, C2 and WW domain-containing

protein 2, NEDD4-like E3 ubiquitin-protein ligase 2, HECW2, KIAA1301, NEDL2

**Target/Specificity**This HECW2 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 848-876 amino acids from the Central

region of human HECW2.

**Dilution** WB~~1:1000 E~~Use at an assay dependent concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** HECW2 Antibody (Center) is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **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.

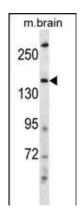
# **Background**

E3 ubiquitin-protein ligase that mediates ubiquitination of TP73. Acts to stabilize TP73 and enhance activation of transcription by TP73.

## References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Miyazaki, K., et al. Biochem. Biophys. Res. Commun. 308(1):106-113(2003)

## **Images**



HECW2 Antibody (Center) (Cat. #AP16705c) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the HECW2 antibody detected the HECW2 protein (arrow).

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