

Anti-Human HECW2 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA05243**

3th Edition

Description: This gene encodes a member of a family of E3 ubiquitin ligases which plays an important role in the proliferation, migration and differentiation of neural crest cells as a regulator of glial cell line-derived neurotrophic factor (GDNF)/Ret signaling. This gene also plays an important role in angiogenesis through stabilization of endothelial cell-to-cell junctions as a regulator of angiomin-like 1 stability. The decreased expression of this gene in the aganglionic colon is associated with Hirschsprung's disease. Alternative splicing results in multiple transcript variants. HECW2 (HECT, C2 And WW Domain Containing E3 Ubiquitin Protein Ligase 2) is a Protein Coding gene. Diseases associated with HECW2 include Neurodevelopmental Disorder With Hypotonia, Seizures, And Absent Language and Hypotonia. Among its related pathways are Innate Immune System and Class I MHC mediated antigen processing and presentation. GO annotations related to this gene include ligase activity and ubiquitin-protein transferase activity. An important paralog of this gene is HECW1.

Antigen: Synthesized peptide derived from the Internal region of human NEDL2

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Predominantly expressed in adult brain, lung and heart.