
HECW1 Rabbit pAb

Catalog Number: bs-11692R

Target Protein: HECW1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Rat

Predicted MW: 179 kDa

Subcellular Cytoplasm

Locations:

Entrez Gene: 23072

Swiss Prot: Q76N89

Source: KLH conjugated synthetic peptide derived from human HECW1: 251-350/1606.

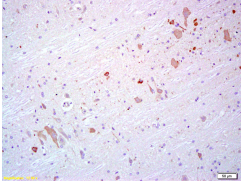
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: NEDL1 is a 1,606 amino acid cytoplasmic protein predominantly expressed in neurons of adult and fetal brain. NEDL1 functions as an E3 ubiquitin-protein ligase that, characteristic of E3 ligase proteins, accepts ubiquitin (in the form of a thioester) from an E2 ubiquitin-conjugating enzyme and transfers that ubiquitin residue to substrates targeted for degradation. NEDL1 mediates ubiquitination and subsequent degradation of Dvl-1 and targets mutant SOD-1. NEDL1 forms cytotoxic aggregates with Dvl, TRAP-?and mutant SOD1 that lead to motor neuron death in FALS (familial amyotrophic lateral sclerosis). individuals affect by FALS (also known as Lou Gehrig's disease) experience muscle weakness and atrophy throughout the body. FALS is caused by the degeneration of upper and lower motor neurons resulting in loss of signal to muscles.

VALIDATION IMAGES



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-HECW1 Polyclonal Antibody, Unconjugated(bs-11692R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining