



# HECW1 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05552
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	HECW1 KIAA0322 NEDL1
<b>Protein Name</b>	E3 ubiquitin-protein ligase HECW1 (EC 6.3.2.-) (HECT, C2 and WW domain-containing protein 1) (NEDD4-like E3 ubiquitin-protein ligase 1) (hNEDL1)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein. AA range: 1-67
<b>Specificity</b>	HECW1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	176kD
<b>Cell Pathway</b>	Cytoplasm .
<b>Tissue Specificity</b>	Predominantly expressed in neurons of adult and fetal brain. Weakly expressed in the kidney.
<b>Function</b>	function:E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent degradation of DVL1. Also targets the mutant SOD1 protein involved in familial amyotrophic lateral sclerosis (FALS). Forms cytotoxic aggregates with DVL1, SSR3 and mutant SOD1 that lead to motor neuron death in FALS.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 C2 domain.,similarity:Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.,similarity:Contains 2 WW domains.,subunit:Interacts with DVL1 and SSR3. Also interacts with mutant SOD1.,tissue specificity:Predominantly expressed in neurons of adult and fetal brain. Weakly expressed in the kidney.,
<b>Background</b>	function:E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent degradation of DVL1. Also targets the mutant SOD1 protein involved in familial amyotrophic lateral sclerosis (FALS). Forms cytotoxic aggregates with DVL1, SSR3 and mutant SOD1 that lead to motor neuron death in FALS.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 C2 domain.,similarity:Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase)

domain.,similarity:Contains 2 WW domains.,subunit:Interacts with DVL1 and SSR3. Also interacts with mutant SOD1.,tissue specificity:Predominantly expressed in neurons of adult and fetal brain. Weakly expressed in the kidney.,

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images