



# HECW1 Monoclonal Antibody

Catalog No	YP-mAb-05552
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	HECW1 KIAA0322 NEDL1
Protein Name	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)
Immunogen	Synthesized peptide derived from part region of human protein. AA range: 1-67
Specificity	HECW1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	176kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Predominantly expressed in neurons of adult and fetal brain. Weakly expressed in the kidney.
Function	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.,
Background	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)



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**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**