



## NEDD8 Polyclonal Antibody

E90591

**Catalog Number:** E90591**Amount:** 100ul

**Background:** NEDD8 (neural precursor cell-expressed developmentally down-regulated gene 8) is a small ubiquitin-like protein that shares 60% sequence identity and 80% homology with ubiquitin [PMID:9353319]. NEDD8 is conjugated to substrate proteins in a process known as neddylation. NEDD8 forms a thioester bond with APPBP1-Uba3, the E1 enzyme. Activated NEDD8 then transfers to Ubc12, the E2 enzyme. Ultimately, E2 loaded with NEDD8 binds a substrate protein lysine residue and forms an isopeptide bond by E3 ligase [PMID:18802447].

**Species:** Rabbit**Isotype:** IgG

**Storage/Stability:** Store at -20°C or -80°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonyms:** FLJ43224; MGC104393; MGC125896; MGC125897; Nedd-8

**Immunogen:** Recombinant protein of human NEDD8

**Purification:** Affinity purification

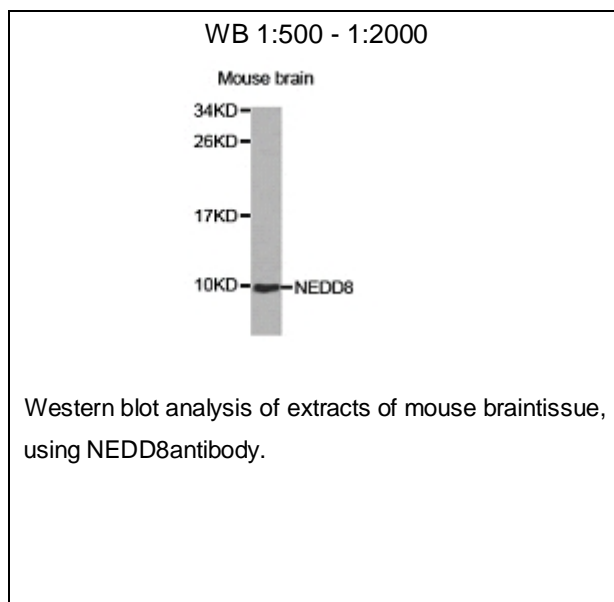
**Reactivity:** H M R

**Applications:** WB

**Molecular Weight:** 9kDa

**Swiss-Prot No.:** Q15843

**Gene ID:** 4738



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