

NEDD8 Ab

Cat.#: AF0271
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 85kDa
Clonality: Polyclonal

Application: WB: 1:500~1:3000 IHC: 1:50~1:200, IF/ICC 1:100-1:500

Reactivity: Human, Mouse, Rat, Monkey

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Specificity: NEDD8 Ab detects endogenous levels of total NEDD8.

Immunogen: A synthesized peptide derived from human NEDD8.

Uniprot: Q15843

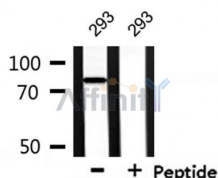
Description: NEDD8 a member of the ubiquitin family of proteins. Approximately 60% identical to ubiquitin protein.. Activated by an E1-like complex, consisting of App-b1 and Uba3 and then linked to the E2-like enzyme, Ubc12. The major target protein modified by nedd8 is cullin-4a.

Subcellular Location: Nucleus. Mainly nuclear.

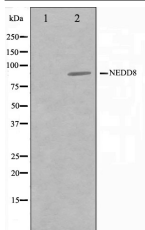
Tissue Specificity: Highly expressed in heart, skeletal muscle, spleen, thymus, prostate, testis, ovary, colon and leukocytes.

Similarity: Belongs to the ubiquitin family.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



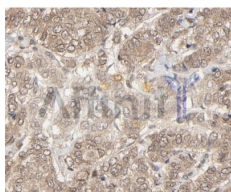
Western blot analysis of extracts from 293, using NEDD8 Ab.



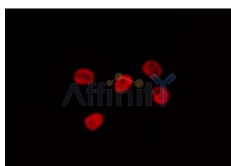
Western blot analysis on Jurkat cell lysate using NEDD8 Ab. The lane on the left is treated with the antigen-specific peptide.



AF0271 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



IHC analysis of breast cancer tissue, using NEDD8 Ab at 1/100



AF0271 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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