10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat Anti-NEDD1 Antibody

Peptide-affinity purified goat antibody
Catalog # AF1714a

Specification

Goat Anti-NEDD1 Antibody - Product Information

Application	**WB, E**
Primary Accession	Q8NHV4
Other Accession	NP_690869, 121441
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**71966**

Goat Anti-NEDD1 Antibody - Additional Information

Gene ID 121441

Other Names
Protein NEDD1, Neural precursor cell expressed developmentally down-regulated protein 1, NEDD-1, NEDD1

Dilution
WB~~1:1000
E~~N/A

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-NEDD1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-NEDD1 Antibody - Protein Information

Name NEDD1

Function
Required for mitosis progression. Promotes the nucleation of microtubules from the spindle.

Cellular Location
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

Goat Anti-NEDD1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-NEDD1 Antibody - Images

AF1714a (0.1 µg/ml) staining of HeLa cell lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-NEDD1 Antibody - References

The metastasis efficiency modifier ribosomal RNA processing 1 homolog B (RRP1B) is a chromatin-associated factor. Crawford NP, et al. J Biol Chem, 2009 Oct 16. PMID 19710015.
Sequential phosphorylation of Nedd1 by Cdk1 and Plk1 is required for targeting of the gammaTuRC to the centrosome. Zhang X, et al. J Cell Sci, 2009 Jul 1. PMID 19509060.
The centrosome protein NEDD1 as a potential pharmacological target to induce cell cycle arrest. Tillement V, et al. Mol Cancer, 2009 Feb 25. PMID 19243593.
FAM29A promotes microtubule amplification via recruitment of the NEDD1-gamma-tubulin complex to the mitotic spindle. Zhu H, et al. J Cell Biol, 2008 Dec 1. PMID 19029337.
The PITSLRE/CDK11p58 protein kinase promotes centrosome maturation and bipolar spindle formation. Petretti C, et al. EMBO Rep, 2006 Apr. PMID 16462731.