

Product datasheet for **TA319361**

NEDD1 Rabbit Polyclonal Antibody

Product data:

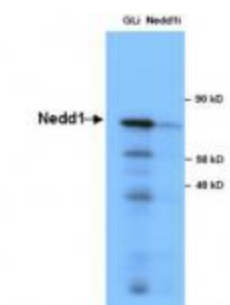
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:100,000, WB: 1:10,000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Anti-NEDD1 was prepared from whole rabbit serum produced by repeated immunizations with a recombinant protein corresponding to the 343-667 region of human Nedd1.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	neural precursor cell expressed, developmentally down-regulated 1
Database Link:	NP_690869 Entrez Gene 121441 Human Q8NHV4
Synonyms:	GCP-WD; TUBGCP7



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Note: This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. Microtubules are polymers of tubulin, which exist as heterodimers of alpha-tubulin and beta-tubulin. NEDD1 (neural precursor expressed, developmentally down-regulated protein1; also called GCP-WD) is a centrosomal protein that in mammals associates with the gamma-tubulin ring complex (γ -TuRC). γ -TuRC is critical for initiation, or nucleation, of the microtubule assembly. In association with this complex, NEDD1 plays an important role in targeting the γ -TuRC complex to the site of microtubule nucleation and to the mitotic spindle. These events are essential for proper bipolar spindle formation and mitotic progression. Given the casual link between improper spindle function and tumorigenesis, characterization of Nedd1 function will be important to better understand various mechanisms underlying mitotic regulation, chromosome segregation, and cancer development.

Product images:



Anti-NEDD1 in WB using Immunochemicals' Anti-NEDD1 Antibody shows detection of a 73 kDa band corresponding to endogenous NEDD1 in lysates of S phase HeLa cells silenced for either control Luciferase or NEDD1. In right lane (NEDD1i): lysates from sh-NEDD1 RNAi-treated lentivirus-infected cells. In left lane (GLi): lysates from sh-Luciferase lentivirus-infected cells as control. Anti-NEDD1 Antibody was used at 1:10,000. Molecular weight estimation was made by comparison by prestained MW markers.