

ARG64078 anti-NEDD1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes NEDD1
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NEDD1
Species	Human
Immunogen	C-NQTRNSEKFEKPEN
Conjugation	Un-conjugated
Alternate Names	GCP-WD; Protein NEDD1; NEDD-1; Neural precursor cell expressed developmentally down-regulated protein 1; TUBGCP7

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1 - 3 µg/ml</td></tr> </table>	Application	Dilution	WB	1 - 3 µg/ml
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Application Note	<p>WB: Recommend incubate at RT for 1h.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>				

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 121441 Human Swiss-port # Q8NHV4 Human
Gene Symbol	NEDD1
Gene Full Name	neural precursor cell expressed, developmentally down-regulated 1
Function	Required for mitosis progression. Promotes the nucleation of microtubules from the spindle. [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Developmental Biology antibody; Gene Regulation antibody
Calculated Mw	72 kDa
PTM	During mitosis, prior phosphorylation on Thr-550 by CDK1 promotes subsequent phosphorylation by PLK1 on Thr-382, Ser-397, Ser-426 and Ser-637. Phosphorylated NEDD1 can interact with gamma-tubulin for targeting the gamma-tubulin ring complex (gTuRC) to the centrosome, an important step for spindle formation.

Images



ARG64078 anti-NEDD1 antibody WB image

Western Blot: HeLa cell lysate (35 µg protein in RIPA buffer) stained with ARG64078 anti-NEDD1 antibody at 0.1 µg/ml dilution.