

## Product datasheet for **AM39076PU-S**

### NDE1 Mouse Monoclonal Antibody [Clone ID: AT1F7]

#### Product data:

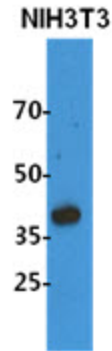
Product Type:	Primary Antibodies
Clone Name:	AT1F7
Applications:	WB
Recommended Dilution:	ELISA, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human NDE1 (1-335aa) purified from E. coli
Specificity:	The antibody recognizes human NDE1. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Predicted Protein Size:	37.5 kDa
Gene Name:	nudE neurodevelopment protein 1
Database Link:	<a href="#">NP_060138</a> <a href="#">Entrez Gene 54820 Human</a> <a href="#">Q9NXR1</a>
Background:	NDE1 is important to microtubule reorganization, which is required for centrosome duplication and the formation of the mitotic spindle and cell migration. NDE1 is a binding partner of DISC1 along with LIS1 at the centrosome and at synapses in neurons. Mutations in the NDE1 gene result in a reduced cerebral cortex size caused by defects in mitotic progression and chromosomal localization of cortical progenitors. NDE1 is expressed as 2 isoforms produced by alternative splicing of the primary gene transcript.



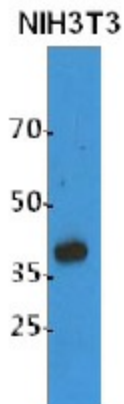
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Synonyms: FLJ20101; HOM-TES-87; NUDE; NUDE1; OTTHUMP00000160329

### Product images:



The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human NDE1 antibody. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Western blot analysis: The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human NDE1 antibody. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.