

Product datasheet for **CF503254**

Nudel (NDEL1) Mouse Monoclonal Antibody [Clone ID: OTI1G7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1G7
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Dog, Rat, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NDEL1(NP_001020750) produced in HEk293 cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36.9 kDa
Gene Name:	nudE neurodevelopment protein 1 like 1
Database Link:	NP_001020750 Entrez Gene 83431 Mouse Entrez Gene 170845 Rat Entrez Gene 489495 Dog Entrez Gene 81565 Human Q9GZM8



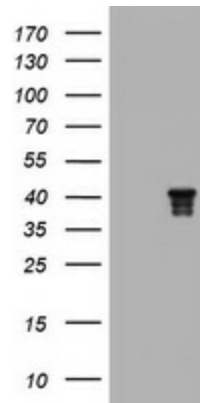
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Background:

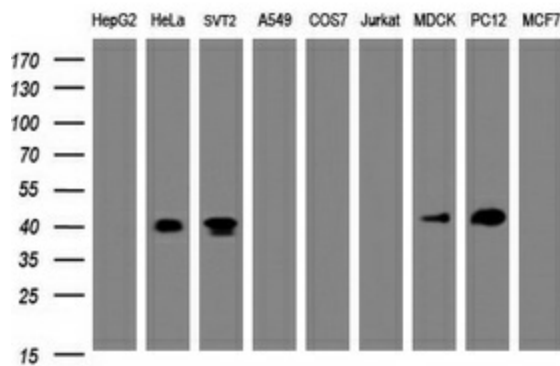
This gene encodes a coiled-coil protein that plays a role in multiple processes including cytoskeletal organization, cell signaling and neuron migration, outgrowth and maintenance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome X. [provided by RefSeq, Mar 2012]

Synonyms:

EOPA; MITAP1; NDE1L1; NDE2; NUDEL

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NDEL1 ([RC212323], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NDEL1. Positive lysates [LY422448] (100ug) and [LC422448] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-NDEL1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).