

## Product datasheet for **TA322004**

### MIDN Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human lung tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 2-19 amino acids of Human midnolin
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49 kDa
Gene Name:	midnolin
Database Link:	<a href="#">NP_796375</a> <a href="#">Entrez Gene 59090 Mouse</a> <a href="#">Entrez Gene 90007 Human</a> <a href="#">Q504T8</a>



[View online »](#)

**Background:**

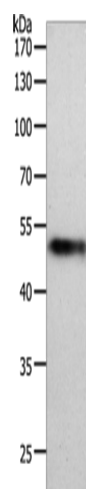
Expression of the *midnolin* gene is developmentally regulated: it is strongly expressed at the mesencephalon (midbrain) of the embryo in day 12.5 (E12.5) mice. The *midnolin* encodes a protein of 508 amino acids (aa); which contains a Ubiquitin-like domain. The intracellular distribution of the *midnolin* was studied by using *midnolin*-green fluorescent protein (GFP) fusion proteins. *Midnolin* was found to be localized in the nucleus and nucleolus; but not in the cytoplasm. The nucleolar localization signal was determined to be a 28aa peptide located at the C-terminal region of the *midnolin*. May be involved in regulation of genes related to neurogenesis in the nucleolus

**Synonyms:**

DKFZp547M072

**Protein Families:**

Druggable Genome

**Product images:**

Gel: 10%SDS-PAGE

Lysate: 40 µg

Lane: Human lung tissue

Primary antibody: TA322004 (MIDN Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes