

MIDN Antibody

Catalog No: #36984

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Description

| | |
|-----------------------|---|
| Product Name | MIDN Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | affinity purified by Protein A |
| Applications | WB, IHC, IF |
| Species Reactivity | Human,Mouse,Rat |
| Specificity | The antibody detects endogenous levels of total MIDN protein. |
| Immunogen Type | Peptide |
| Immunogen Description | KLH conjugated synthetic peptide derived from human MIDN |
| Target Name | MIDN |
| Other Names | DKFZp547M072; MIDN; Midnolin |
| Accession No. | Swiss-Prot#: Q504T8NCBI Gene ID: 90007Gene Accssion: NP_796375 |
| Uniprot | Q504T8 |
| GeneID | 90007; |
| SDS-PAGE MW | 49kd |
| Concentration | 1mg/ml |
| Formulation | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

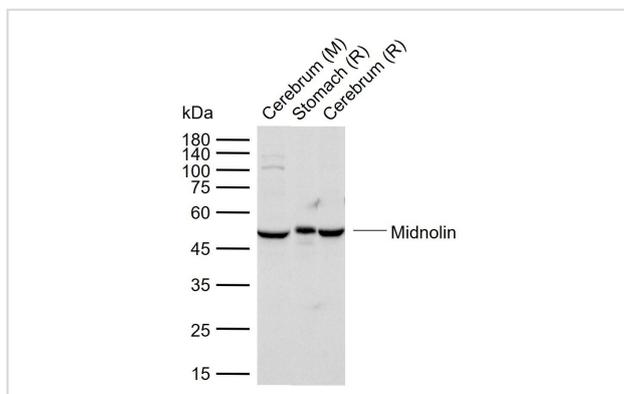
Application Details

WB 1:500-2000

IHC 1:100-500

IF 1:100-500

Images



Sample:

Lane 1: Mouse Cerebrum tissue lysates

Lane 2: Rat Stomach tissue lysates

Lane 3: Rat Cerebrum tissue lysates

Primary: at 1/1000 dilution

Secondary: at 1/20000 dilution

Predicted band size: 49 kDa

Observed band size: 49 kDa

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

Note: This product is for in vitro research use only