Product Datasheet

MIDN Antibody

Catalog No: #36984

Package Size: #36984-1 50ul #36984-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

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
SDS-PAGE MW	49kd
Concentration	1.6mg/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.

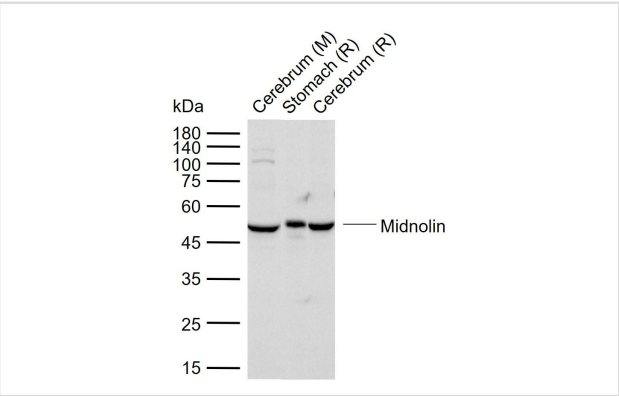
Application Details

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 and is not intended for use in humans or animals.