

Map2 Antibody

Catalog No: #31273

Package Size: #31273-1 50ul #31273-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Map2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total Map2 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 32~45 amino acids of mouse microtubule-associated protein 2
Target Name	Map2
Other Names	microtubule-associated protein 2, MAP2A, MAP2B, MAP2C
Accession No.	Swiss-Prot:P11137Gene ID:4133;
Uniprot	P11137
GeneID	4133;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

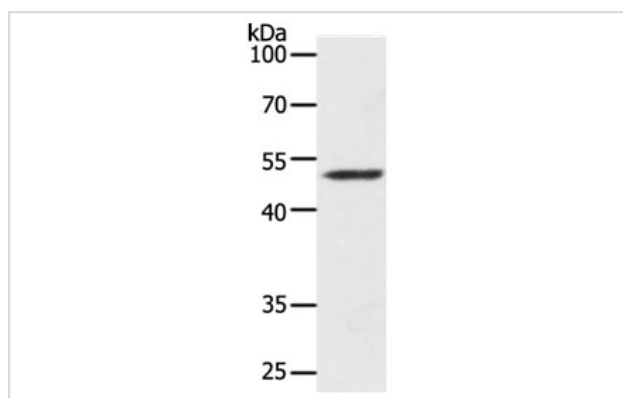
Predicted MW: 200kd

ELISA: 1:1000-1:5000

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



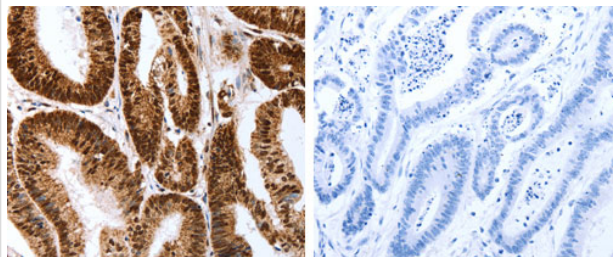
Gel: 8%+10%+12%SDS-PAGE

Lysate: 50 µg Human lymphoma tissue lysate

Primary antibody: 1/400 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 90 seconds



The image on the left is immunohistochemistry of paraffin-embedded human colon cancer tissue using 31273 (Map2 Antibody) at dilution 1/40, on the right is treated with the synthetic peptide.

Background

This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dendrites, implicating a role in determining and stabilizing dendritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described.

Note: This product is for in vitro research use only