MANF Antibody

Catalog No: #37346

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

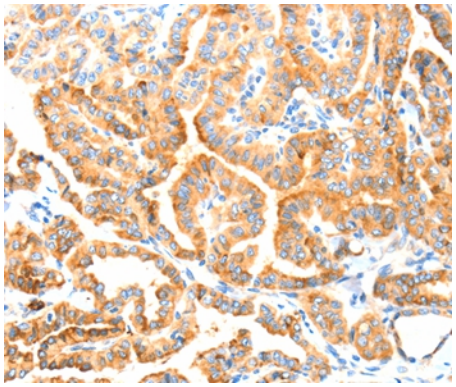
Description

Product Name	MANF Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total MANF protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human mesencephalic astrocyte-derived neurotrophic factor
Target Name	MANF
Other Names	ARP; ARMET
Accession No.	Swiss-Prot#: P55145 NCBI Gene ID: 7873Gene Accssion: NP_006001
Uniprot	P55145
GeneID	7873;
Concentration	2.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

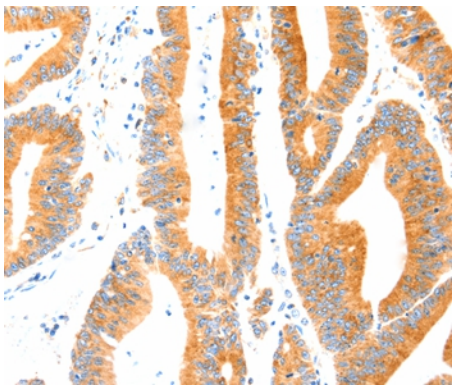
Application Details

Immunohistochemistry: 1:100-1:300

Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #37346 at dilution 1/70.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37346 at dilution 1/70.

Background

The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and promotes cell proliferation. The protein was initially thought to be longer at the N-terminus and to contain an arginine-rich region but transcribed evidence indicates a smaller open reading frame that does not encode the arginine tract. The presence of polymorphisms in the arginine-rich region, including a specific mutation that changes the previously numbered codon 50 from ATG to AGG, have been reported in a variety of solid tumors; however, these polymorphisms were later shown to exist in normal tissues and are thus not tumor-related.

Note: This product is for in vitro research use only