

MANF Polyclonal Antibody

Catalog No: #42071

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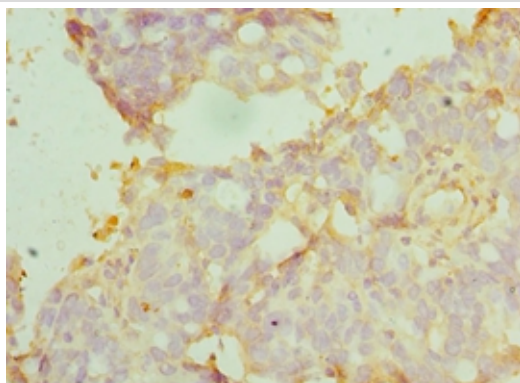
Description

Product Name	MANF Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total MANF polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Mesencephalic astrocyte-derived neurotrophic factor protein(25-182aa)
Target Name	MANF
Other Names	Arginine-rich protein, Protein ARMET, MANF, ARMET, ARP
Accession No.	Swiss-Prot#: P55145
Uniprot	P55145
GeneID	7873;
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

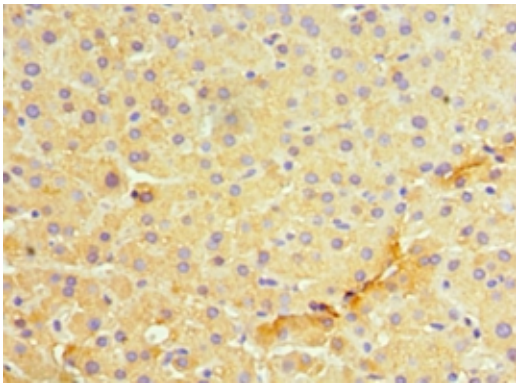
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human endometrial cancer using #42071 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human liver using #42071 at dilution of 1:100.

Background

Selectively promotes the survival of dopaminergic neurons of the ventral mid-brain. Modulates GABAergic transmission to the dopaminergic neurons of the substantia nigra. Enhances spontaneous, as well as evoked, GABAergic inhibitory postsynaptic currents in dopaminergic neurons (By similarity). Inhibits cell proliferation and endoplasmic reticulum (ER) stress-induced cell death.

References

[1]Mutations in the arginine-rich protein gene (ARP) in pancreatic cancer."Shridhar V., Rivard S., Wang X., Shridhar R., Paisley C., Mullins C., Beirnat L., Dugan M., Sarkar F., Miller O.J., Vaitkevicius V.K., Smith D.I.Oncogene 14:2213-2216(1997). [2]Mutations in the arginine-rich protein gene, in lung, breast, and prostate cancers, and in squamous cell carcinoma of the head and neck."Shridhar R., Shridhar V., Rivard S., Siegfried J.M., Pietraszkiewicz H., Ensley J., Pauley R., Grignon D., Sakr W., Miller O.J., Smith D.I.Cancer Res. 56:5576-5578(1996). [3]The structure of the conserved neurotrophic factors MANF and CDFN explains why they are bifunctional." Parkash V., Lindholm P., Peranen J., Kalkkinen N., Oksanen E., Saarma M., Leppanen V.-M., Goldman A. Protein Eng. Des. Sel. 22:233-241(2009).

Note: This product is for in vitro research use only