

ARP Polyclonal Antibody

Catalog No :	YT5309
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	ARP
Gene Name :	MANF
Protein Name :	Mesencephalic astrocyte-derived neurotrophic factor
Human Gene Id :	7873
Human Swiss Prot No :	P55145
Mouse Swiss Prot No :	Q9CXI5
Rat Swiss Prot No :	P0C5H9
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human MANF. AA range:11-60
Specificity :	ARP Polyclonal Antibody detects endogenous levels of ARP protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 20kD

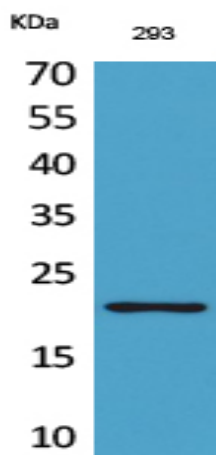
Background : The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of this protein is important in promoting the survival of dopaminergic neurons. The presence of polymorphisms in the N-terminal arginine-rich region, including a specific mutation that changes an ATG start codon 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 no longer thought to be tumor-related. [provided by RefSeq, Apr 2014],

Function : response to unfolded protein, response to organic substance, response to protein stimulus,

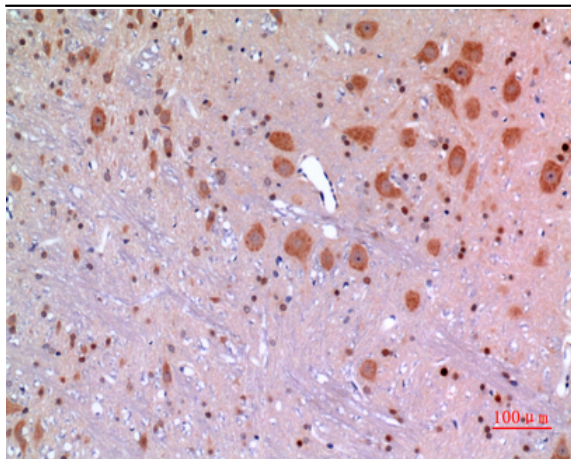
Subcellular Location : Secreted . Endoplasmic reticulum lumen . Sarcoplasmic reticulum lumen . Retained in the endoplasmic reticulum (ER), and sarcoplasmic reticulum (SR) under normal conditions (PubMed:22637475). Up-regulated and secreted by the ER/SR in response to ER stress and hypoxia (PubMed:22637475, PubMed:29497057). .

Expression : Testis,

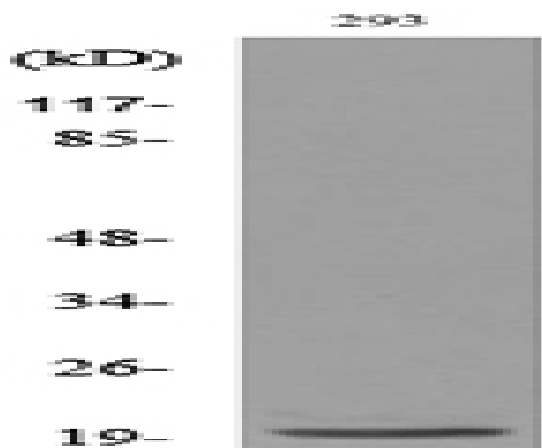
Products Images



Western Blot analysis of 293 cells using ARP Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Western blot analysis of lysate from 293 cells, using MANF Antibody.