ARG44015
anti-ARMET antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ARMET
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ARMET
Species	Human
Immunogen	Human ARMET recombinantprotein
Conjugation	Un-conjugated
Alternate Names	MANF; Mesencephalic Astrocyte Derived Neurotrophic Factor; ARP; Mesencephalic Astrocyte-Derived Neurotrophic Factor; ARMET; Arginine-Rich, Mutated In Early Stage Tumors; Arginine-Rich Protein; Protein ARMET

Application Instructions

Application table

Application	Dilution
IHC-P	2.5 µg/mL
WB	0.125-2 µg/mL

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

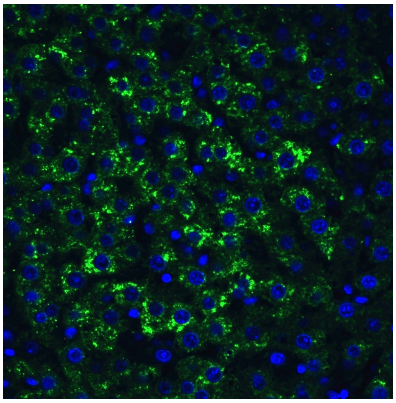
Properties

Form	Liquid
Purification	Protein A purified.
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

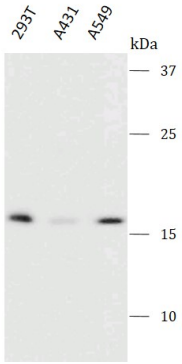
Gene Symbol	MANF
Gene Full Name	Mesencephalic Astrocyte Derived Neurotrophic Factor
Background	The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results 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.
Function	Sulfatide binding promotes its cellular uptake by endocytosis, and is required for its role in alleviating ER stress and cell toxicity under hypoxic and ER stress conditions.
Calculated Mw	20 kDa
PTM	Disulfide bond, Glycoprotein, Phosphoprotein
Cellular Localization	Endoplasmic reticulum, Sarcoplasmic reticulum, Secreted

Images



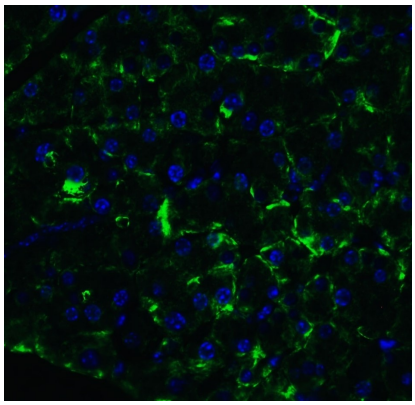
ARG44015 anti-ARMET antibody IHC-P image

Immunohistochemistry: Rat liver stained with ARG44015 anti-ARMET antibody at 20 µg/mL dilution.



ARG44015 anti-ARMET antibody WB image

Western blot: 293T, A431 and A549 stained with ARG44015 anti-ARMET antibody at 15 µg/ml dilution.



ARG44015 anti-ARMET antibody IHC-P image

Immunohistochemistry: Mouse pancreas stained with ARG44015 anti-ARMET antibody at 20 µg/mL dilution.