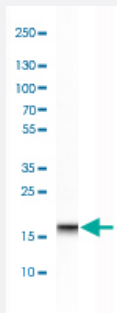


ARMET polyclonal antibody

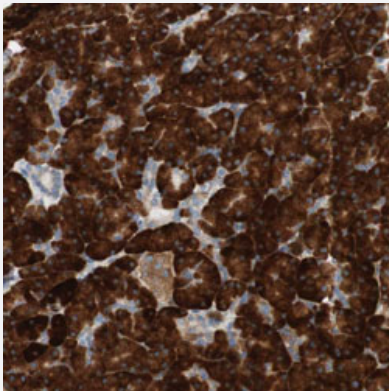
Catalog # PAB31425 Size 100 uL

Applications



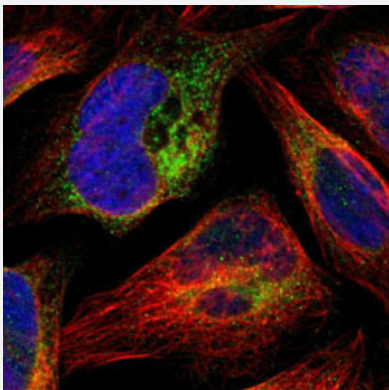
Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with ARMET polyclonal antibody (Cat # PAB31425).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with ARMET polyclonal antibody (Cat # PAB31425) shows strong cytoplasmic positivity in exocrine glandular cells.



Immunofluorescence

Immunofluorescent staining of U-2 OS cells with ARMET polyclonal antibody (Cat # PAB31425) (Green) shows localization to endoplasmic reticulum.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ARMET.
Immunogen	Recombinant protein corresponding to human ARMET.
Sequence	CEVCISYLGRFYQDLKDRDVTFSPTIENELIKFCREAR
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with ARMET polyclonal antibody (Cat # PAB31425).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

Immunofluorescent staining of U-2 OS cells with ARMET polyclonal antibody (Cat # PAB31425) (Green) shows localization to endoplasmic reticulum.

Gene Info — ARMET

Entrez GeneID

[7873](#)

Protein Accession#	P55145
Gene Name	ARMET
Gene Alias	ARP, MANF, MGC142148, MGC142150
Gene Description	arginine-rich, mutated in early stage tumors
Omim ID	260350 601916
Gene Ontology	Hyperlink
Gene Summary	<p>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 a specific mutation changing the previously numbered codon 50 from ATG to AGG, or deletion of that codon, has been reported in a variety of solid tumors. With the protein size correction, this codon is now identified as the initiation codon. [provided by RefSeq]</p>
Other Designations	arginine-rich protein

Publication Reference

- [Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells.](#)

Charlotte Stadler, Elton Rexhepaj, Vasanth R Singan, Robert F Murphy, Rainer Pepperkok, Mathias Uhlén, Jeremy C Simpson, Emma Lundberg.

Nature Methods 2013 Apr; 10(4):315.