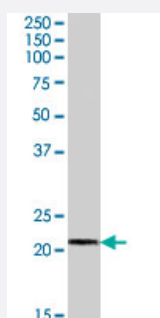


ARMET polyclonal antibody

Catalog # PAB7400 Size 100 ug

Applications



Western Blot (Tissue lysate)

ARMET polyclonal antibody (Cat # PAB7400) (0.3 ug/mL) staining of human pancreas lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of ARMET.

Immunogen A synthetic peptide corresponding to human ARMET.

Sequence KFCREARGKENR

Host Goat

Theoretical MW (kDa) 21.1

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:16000)
 Western Blot (0.3-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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 (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ARMET

Entrez GeneID	7873
Protein Accession#	NP_006001.2
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	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]
Other Designations	arginine-rich protein

Publication Reference

- [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 JM, Pietraszkiewicz H, Ensley J, Pauley R, Grignon D, Sakr W, Miller OJ, Smith DI.
Cancer Research 1996 Dec; 56(24):5576.