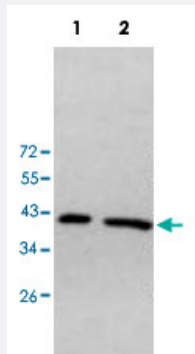


AMACR polyclonal antibody

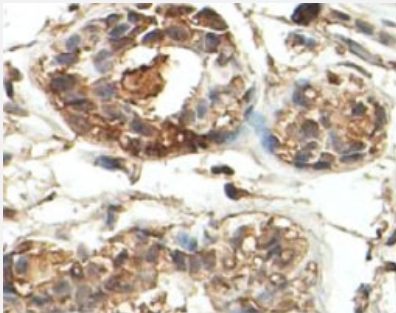
Catalog # PAB18834 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of A-549 (Lane 1) and Jurkat (Lane 2) cell lysate with AMACR polyclonal antibody (Cat # PAB18834) at 1 : 1000 dilution.



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

Immunohistochemical staining of formalin-fixed paraffin-embedded human prostate carcinoma tissue showing cytoplasmic staining with AMACR polyclonal antibody (Cat # PAB18834) at 1 : 100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant AMACR.
Immunogen	Recombinant protein corresponding to amino acids 2-195 of human AMACR.
Host	Rabbit
Reactivity	Human
Form	Liquid

Recommend Usage	ELISA (1:20000-1:80000) Western Blot (1:500-1:1000) Immunohistochemistry (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at 4°C for three months. 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 A-549 (Lane 1) and Jurkat (Lane 2) cell lysate with AMACR polyclonal antibody (Cat # PAB18834) at 1 : 1000 dilution.

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

Immunohistochemical staining of formalin-fixed paraffin-embedded human prostate carcinoma tissue showing cytoplasmic staining with AMACR polyclonal antibody (Cat # PAB18834) at 1 : 100 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AMACR

Entrez GeneID	23600
Protein Accession#	NM_203382
Gene Name	AMACR
Gene Alias	RACE
Gene Description	alpha-methylacyl-CoA racemase
Omim ID	604489
Gene Ontology	Hyperlink
Gene Summary	Alpha-methylacyl-CoA racemase is responsible for the conversion of pristanoyl-CoA and C27-bile acyl-CoAs to their (S)-stereoisomers, which are the only stereoisomers that can be degraded via a peroxisomal beta-oxidation.[supplied by OMIM]

Other Designations

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Pathway

- [Metabolic pathways](#)
- [Primary bile acid biosynthesis](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Ovarian cancer](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)