For research purposes only, not for human use

Product Data Sheet

Anti-AMACR Antibody

Catalog #	Source	Reactivity	Applications
CPA9826	Mouse	H	WB, IH

Description	Mouse monoclonal antibody to AMACR
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human AMACR. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of AMACR protein.
Clonality	Monoclonal
Conjugation	
Form	Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/300)
Gene Symbol	AMACR
Alternative Names	Alpha-methylacyl-CoA racemase; 2-methylacyl-CoA racemase
Entrez Gene	23600 (Human)
SwissProt	Q9UHK6 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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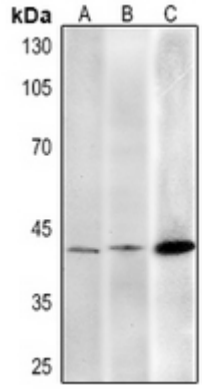
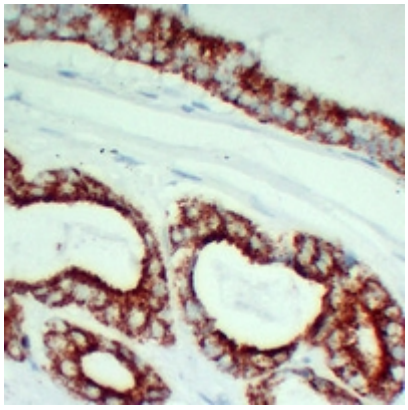


Western blot analysis of AMACR expression in Hela (A), HepG2 (B), LNCaP (C) whole cell lysates. (Predicted band size: 42 kD; Observed band size: 42 kD)



Immunohistochemical analysis of AMACR staining in human prostatic carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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