

## Anti-AMACR Antibody (4Y618)

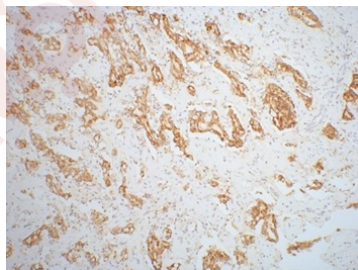
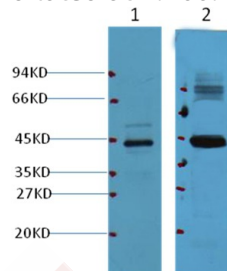
### Product Details

Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 42 kDa.
Clone:	4Y618
Purification:	Affinity purification using immunogen.

### Applications

#### Verified Activity:

1. Western blot analysis of HepG2 cell lysate (lane 1) and mouse kidney (lane 2), using TMAC-00170 diluted at 1:1,000.
2. IHC staining of mouse prostate adenocarcinoma tissue with AMACR/P504S mouse mAb(4A12) diluted at 1:200.



Application:	IHC,WB
Recommended	WB: 1:1000-2000; IHC: 1:200

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Uniprot ID: Q9UHK6

Synonyms: AMACR;RACE;CBAS4;2-methylacyl-CoA racemase;Alpha-methylacyl-CoA racemase

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### Research Background

AMACR has been recently described as prostate cancer-specific gene that encodes a protein involved in the beta-oxidation of branched chain fatty acids. Expression of AMACR protein is found in prostatic adenocarcinoma but not in benign prostatic tissue. It stains premalignant lesions of prostate: high-grade prostatic intraepithelial neoplasia (PIN) and atypical adenomatous hyperplasia.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481