



# Rabbit Anti-Human AMACR Monoclonal Antibody, clone CQ7226 (CABT-Z272R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Full-length recombinant Human Placental Lactogen protein was used as an immunogen.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	CQ7226
<b>Purification</b>	ProA affinity purified IgG.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P Recommended concentration: IHC-P: 1:100-1:200
<b>Molecular Weight</b>	42 kDa
<b>Cellular Localization</b>	Cytoplasm
<b>Positive Control</b>	Liver
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	Store at -20 °C. Avoid freeze/thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	<p>Alpha-methylacyl-CoA racemase (AMACR), also known as p504s, is a mitochondrial and peroxisomal enzyme that is involved in bile acid biosynthesis and beta-oxidation of branched-chain fatty acids.</p> <p>AMACR is essential in lipid metabolism, and is expressed in normal liver (hepatocytes), kidney (tubular epithelial cells) and gall bladder (epithelial cells). Expression has also been found in lung (bronchial epithelial cells) and colon (colonic surface epithelium).</p> <p>In immunohistochemistry (IHC), AMACR antibody has been shown to be a specific marker of prostatic adenocarcinoma.</p>
<b>Keywords</b>	AMACR; alpha-methylacyl-CoA racemase; RM; RACE; CBAS4; AMACRD; 2-methylacyl-CoA racemase

## GENE INFORMATION

<b>Gene Name</b>	AMACR
<b>Entrez Gene ID</b>	<a href="#">23600</a>
<b>UniProt ID</b>	<a href="#">Q9UHK6</a>