



Rabbit Anti-Human AMACR monoclonal antibody, clone 24I5 (CABT-L1190)

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

PRODUCT INFORMATION

Target	AMACR
Immunogen	Human p504s/AMACR polypeptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	24I5
Purification	Purified
Conjugate	Unconjugated
Applications	IHC-P, IF, WB
Format	Liquid
Buffer	PBS, pH 7.4, with 0.2% BSA
Preservative	0.09% Sodium Azide
Storage	4°C

BACKGROUND

Introduction	Alpha methylacyl-CoA-racemase (AMACR), also known as p504s is an enzyme involved in the metabolism of branched-chain fatty acids. p504s is expressed in various normal tissues and
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carcinomas, while it is overexpressed over 30-fold in prostate carcinoma compared to benign glandular tissues¹. When p504s is overexpressed in atypical glands without basal cells, it establishes a diagnosis of prostatic carcinoma. High-grade prostatic intraepithelial neoplasia, atypical adenomatous hyperplasia and urothelial carcinoma may also express p504s.

Keywords AMACR;alpha-methylacyl-CoA racemase;RM;RACE;CBAS4;AMACRD;2-methylacyl-CoA racemase

GENE INFORMATION

Entrez Gene ID [23600](#)

UniProt ID [Q9UHK6](#)