

Product datasheet for **DP134-05**

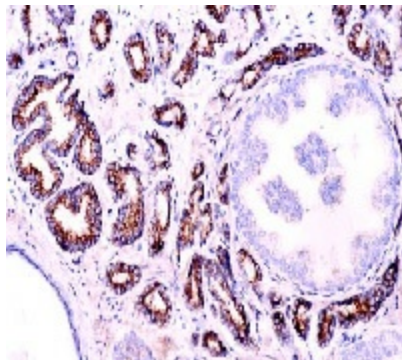
AMACR Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Formalin-Fixed Paraffin Embedded Sections: 1/25-1/50 in an ABC method (30 minutes at room temperature). Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining. <i>Recommended Positive Control:</i> Prostate carcinoma.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A synthetic human AMACR peptide.
Specificity:	Reacts to P504S Alpha-Methylacyl-CoA Racemase. Cellular Localization: Cytoplasmic.
Formulation:	< 0.1% Sodium Azide State: Purified State: Liquid purified Ig fraction
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	alpha-methylacyl-CoA racemase
Database Link:	Entrez Gene 23600 Human Q9UHK6
Background:	P504S (AMARC) 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 P504S 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. P504S can be used as a positive marker for PIN.
Synonyms:	Alpha-methylacyl-CoA racemase, P504S



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Product images:

Formalin fixed paraffin embedded human tonsil stained with P504S antibody. DP134