

Product datasheet for **TA326939**

AMACR Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human AMACR
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	alpha-methylacyl-CoA racemase
Database Link:	NP_055139 Entrez Gene 17117 MouseEntrez Gene 25284 RatEntrez Gene 23600 Human Q9UHK6
Background:	a-methylacyl-CoA racemase (AMACR), an enzyme localized in peroxisomes and mitochondria, is involved in the β -oxidation of branched-chain fatty acids and fatty acid derivatives. AMACR has been reported to be a biomarker for prostate cancer. The expression of AMACR is also related to other types of cancers such as hepatocellular carcinoma, noninvasive bladder cancer, colorectal cancer and gastric adenocarcinoma.
Synonyms:	AMACRD; CBAS4; RACE; RM
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, Primary bile acid biosynthesis