antibodies - online.com







anti-AMACR antibody (AA 323-351)



Images



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Background:

Quantity:	0.4 mL	
Target:	AMACR	
Binding Specificity:	AA 323-351	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This AMACR antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)	
Product Details		
Immunogen:	A portion of amino acids 323-351 from the human protein was used as the immunogen for this AMACR antibody.	
Isotype:	lg Fraction	
Purification:	Antigen affinity purified	
Target Details		
Target:	AMACR	
Alternative Name:	AMACR (AMACR Products)	

This gene encodes a racemase. The encoded enzyme interconverts pristanoyl-CoA and C27-

bile acylCoAs between their (R)- and (S)-stereoisomers. The conversion to the (S)-

Target Details

stereoisomers is necessary for degradation of these substrates by peroxisomal beta-oxidation.
Encoded proteins from this locus localize to both mitochondria and peroxisomes. Mutations in
this gene may be associated with adult-onset sensorimotor neuropathy, pigmentary
retinopathy, and adrenomyeloneuropathy due to defects in bile acid synthesis. Alternatively
spliced transcript variants have been described.
Q9UHK6

UniProt:

Pathways:

Monocarboxylic Acid Catabolic Process

Application Details

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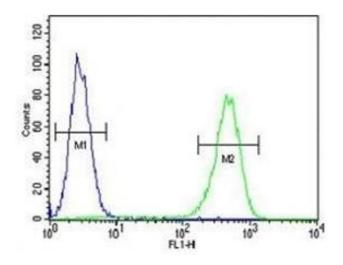
Titration of the AMACR antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions:

For Research Use only

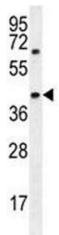
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the AMACR antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



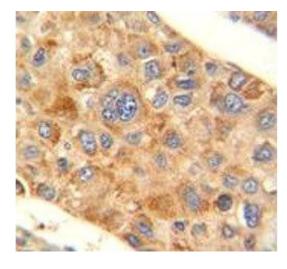
Flow Cytometry

Image 1. AMACR antibody flow cytometric analysis of MDA-MB231 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. AMACR antibody western blot analysis in MDA-MB231 lysate



Immunohistochemistry

Image 3. AMACR antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma.

Please check the product details page for more images. Overall 7 images are available for ABIN3029920.