# antibodies - online.com







## anti-AMAC1L2 antibody (C-Term)

**Images** 



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Alternative Name:

Background:

Quantity:	400 μL	
Target:	AMAC1L2 (SLC35G5)	
Binding Specificity:	AA 323-351, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This AMAC1L2 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
	inimunonistochemistry (Faramir-embedded Sections) (in C (p))	
Product Details		
lmmunogen:	This AMACR antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 323-351 amino acids from the C-terminal region of human AMACR.	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	AMAC1L2 (SLC35G5)	

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)-

AMAC (SLC35G5 Products)

## **Target Details**

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

Molecular Weight:	42 kDa
Gene ID:	23600

### **Application Details**

UniProt:

Application Notes:	For WB starting dilution is: 1:1000
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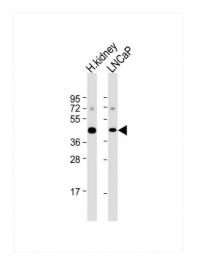
#### For FACS starting dilution is: 1:10~50

#### For IF starting dilution is: 1:10~50

Q9UHK6

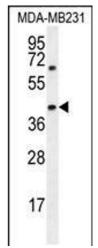
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



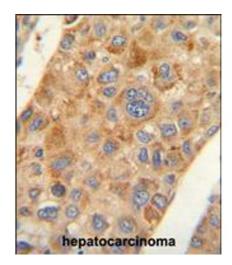
#### **Western Blotting**

Image 1. Western Blot at 1:1000 dilution Lane 1: human kidney lysate Lane 2: LNCaP whole cell lysate Lysates/proteins at 20 ug per lane.



#### **Western Blotting**

Image 2. Western blot analysis in MDA-MB231 cell line lysates (35ug/lane).



#### **Immunohistochemistry**

**Image 3.** AMACR antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.