# antibodies - online.com







# anti-AGXT2 antibody (AA 196-328)





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Overview		
Quantity:	100 μg	
Target:	AGXT2	
Binding Specificity:	AA 196-328	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This AGXT2 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
Immunogen:	Recombinant Human Alanine-glyoxylate aminotransferase 2, mitochondrial protein (196-328AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	
Target Details		
Target:	AGXT2	
Alternative Name:	AGXT2 (AGXT2 Products)	
Background:	Background: Can metabolize asymmetric dimethylarginine (ADMA) via transamination to alpha-	

# **Target Details**

keto-delta-(NN-dimethylguanidino) valeric acid (DMGV). ADMA is a potent inhibitor of nitric-oxide (NO) synthase, and this activity provides mechanism through which the kidney regulates blood pressure.

Aliases: AGXT2 antibody, AGT2Alanine--glyoxylate aminotransferase 2 antibody, mitochondrial antibody, AGT 2 antibody, EC 2.6.1.44, antibody, R)-3-amino-2-methylpropionate--pyruvate transaminase antibody, EC 2.6.1.40 antibody, Beta-ALAAT II antibody, Beta-alanine-pyruvate aminotransferase antibody, D-AIBAT antibody

UniProt: Q9BYV1

Pathways: Monocarboxylic Acid Catabolic Process

For Research Use only

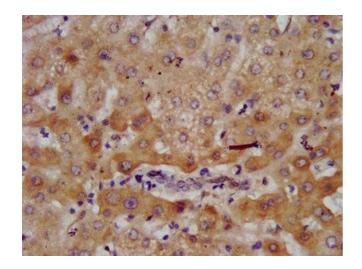
# **Application Details**

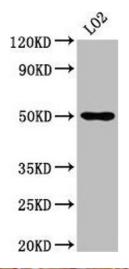
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:200-1:500,

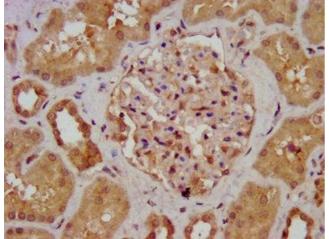
# Handling

Restrictions:

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300  Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
	Obligation to the dispectal, 0.0 TWT 20, pri 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.







# **Immunohistochemistry**

Image 1. IHC image of ABIN7143624 diluted at 1:700 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

## **Western Blotting**

Image 2. Western Blot Positive WB detected in: LO2 whole cell lysate All lanes: AGXT2 antibody at 4.9 μg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 58, 50 kDa Observed band size: 50 kDa

# **Immunohistochemistry**

Image 3. IHC image of ABIN7143624 diluted at 1:700 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the product details page for more images. Overall 4 images are available for ABIN7143624.