

Datasheet for ABIN2783579  
**anti-AGXT2 antibody (N-Term)**[Go to Product page](#)

1 Image

1 Publication

## Overview

Quantity:	100 µL
Target:	AGXT2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGXT2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human AGXT2
Sequence:	TSVTKLSLHT KPRMPPCDFM PERYQSLGYN RVLEIHKEHL SPVVTAYFQK
Predicted Reactivity:	Cow: 86%, Dog: 79%, Horse: 79%, Human: 100%, Mouse: 77%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against AGXT2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	AGXT2
Alternative Name:	AGXT2 ( <a href="#">AGXT2 Products</a> )

## Target Details

Background:	<p>The protein encoded by this gene is a class III pyridoxal-phosphate-dependent mitochondrial aminotransferase. It catalyzes the conversion of glyoxylate to glycine using L-alanine as the amino donor.</p> <p>Alias Symbols: AGT2, DAIBAT</p> <p>Protein Interaction Partner: CYP2E1, ALDOB,</p> <p>Protein Size: 514</p>
Molecular Weight:	52 kDa
Gene ID:	64902
NCBI Accession:	<a href="#">NM_031900</a> , <a href="#">NP_114106</a>
UniProt:	<a href="#">Q9BYV1</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 514 AA
Restrictions:	For Research Use only

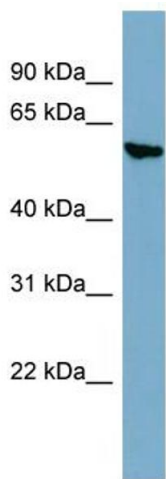
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Baker, Cramer, Kennedy, Assimos, Holmes: "Glycolate and glyoxylate metabolism in HepG2 cells." in: **American journal of physiology. Cell physiology**, Vol. 287, Issue 5, pp. C1359-65, (2004) ([PubMed](#)).

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-AGXT2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HT1080 cell lysate