

Datasheet for ABIN2788599

anti-AGPAT4 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	AGPAT4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGPAT4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human AGPAT4
Sequence:	EMVFCSRKWE QDRKTVATSL QHLRDYPEKY FFLIHCEGTR FTEKKHEISM
Predicted Reactivity:	Cow: 100%, Dog: 85%, Guinea Pig: 85%, Horse: 92%, Human: 100%, Mouse: 85%, Pig: 100%, Rat: 85%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against AGPAT4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	AGPAT4
Alternative Name:	AGPAT4 (AGPAT4 Products)

Target Details

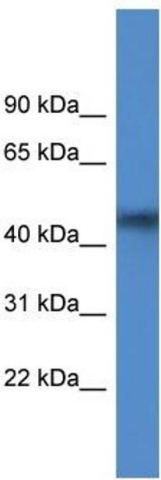
Background:	This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. This integral membrane protein converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. Alias Symbols: 1-AGPAT4, LPAAT-delta, dJ473J16.2, RP3-473J16.2 Protein Interaction Partner: REL, UBC, Protein Size: 378
Molecular Weight:	44 kDa
Gene ID:	56895
NCBI Accession:	NM_020133 , NP_064518
UniProt:	Q9NRZ5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 378 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.



Western Blotting

Image 1. WB Suggested Anti-AGPAT4 Antibody Titration:
1.0 ug/ml Positive Control: MCF7 Whole Cell