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Datasheet for ABIN2783604
anti-PNPLA5 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	PNPLA5
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPLA5 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 PNPLA5
Sequence:	LSSLILHPAY APIEHVKQL QDALPPDAHV LASQLGISL TRWPDGRNFL
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against PNPLA5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	PNPLA5
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Target Details

Alternative Name:	PNPLA5 (PNPLA5 Products)
Background:	<p>Human patatin-like phospholipases, such as PNPLA5, have been implicated in regulation of adipocyte differentiation and have been induced by metabolic stimuli. Human patatin-like phospholipases, such as PNPLA5, have been implicated in regulation of adipocyte differentiation and have been induced by metabolic stimuli (Wilson et al., 2006 [PubMed 16799181]). [supplied by OMIM].</p> <p>Alias Symbols: 4833426H19Rik, GS2L, dJ388M5, dJ388M5.4</p> <p>Protein Size: 429</p>
Molecular Weight:	48 kDa
Gene ID:	150379
NCBI Accession:	NM_138814 , NP_620169
UniProt:	Q7Z6Z6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 429 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: Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-PNPLA5 Antibody Titration:
2.5ug/ml Positive Control: HepG2 cell lysate