# antibodies - online.com







# anti-PNPLA5 antibody (C-Term)



Image



Publication



Overview	
Quantity:	100 μL
Target:	PNPLA5
Binding Specificity:	C-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 C terminal region of human PNPLA5
Sequence:	NMALEVFSRT KAQLLGPISP PATRVLETSP LQPQIAPHRE ELGPTHQA
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:	Affinity Purified
Target Details	
Target:	PNPLA5

# Target Details

Alternative Name:	PNPLA5 (PNPLA5 Products)
Background:	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]. 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].
	Alias Symbols: 4833426H19Rik, GS2L, dJ388M5, dJ388M5.4
	Protein Size: 429
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

# Handling

Storage Comment:

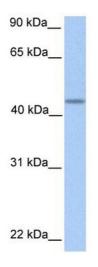
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## **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: 0.2-1 ug/ml Positive Control: Human Muscle