

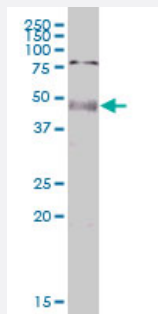
MaxPab®

PNPLA1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00285848-B01P

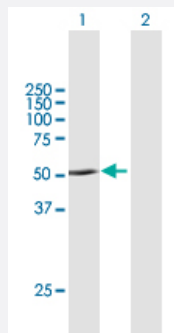
Size 50 ug

Applications



Western Blot (Tissue lysate)

PNPLA1 MaxPab polyclonal antibody. Western Blot analysis of PNPLA1 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of PNPLA1 expression in transfected 293T cell line ([H00285848-T01](#)) by PNPLA1 MaxPab polyclonal antibody.

Lane 1: PNPLA1 transfected lysate(49.06 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PNPLA1 protein.

Immunogen

PNPLA1 (AAI03906.1, 1 a.a. ~ 446 a.a) full-length human protein.

Sequence

MVQMMRQFLYRVLPEDSYKVTTGKLHVSLTRLTDGENVVVSEFTSKEELIEALYCSCFVPVYCGLI
PPTYRGVWAFLLTPPQRYIDGGFTGMQPCAFWTDAITISTFSGQQDICPRDCPAIFHDFRMFNCSF
QFSLENIARMTHALFPPDLVILHDYYYRGYEDAVLYLRRLNAVYLNSSSKRVIFPRVEVYCQIELALG
NECPERSQPSLRARQASLEGATQPHKEWVPKGDGRGSHGPPVSQPVTLEFTCESPVSAVPS
PLEQPPAQPLASSTPLSLSGMPPVSFPAVHKPPSSTPGSSSLPTPPPGLSPLSPQQQVQPSGSP
ARSLHSQAPTSHRPSLGPSTVGAPQTLPRSSLSAFPAQPPVEELGQEQPQAVALLVSSKPKSAV
PLVHVKETVSKPYVMESPAEDSNWVNKVFKNKQKTSGTRKGFPRHPGSKPKSSKVQ

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PNPLA1 MaxPab polyclonal antibody. Western Blot analysis of PNPLA1 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PNPLA1 expression in transfected 293T cell line ([H00285848-T01](#)) by PNPLA1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — PNPLA1

Entrez GeneID	285848
GeneBank Accession#	BC103905.1
Protein Accession#	AAI03906.1
Gene Name	PNPLA1
Gene Alias	FLJ38755, MGC119319, MGC119320, MGC119321, dJ50J22.1
Gene Description	patatin-like phospholipase domain containing 1
Gene Ontology	Hyperlink
Gene Summary	Human patatin-like phospholipases, such as PNPLA1, have been implicated in regulation of adipocyte differentiation and have been induced by metabolic stimuli (Wilson et al., 2006 [PubMed 16799181]).[supplied by OMIM]

Other Designations

OTTHUMP00000016289|OTTHUMP00000039681

Publication Reference

- [PNPLA1 mutations cause autosomal recessive congenital ichthyosis in golden retriever dogs and humans.](#)

Grall A, Guaguere E, Planchais S, Grond S, Bourrat E, Hausser I, Hitte C, Le Gallo M, Derbois C, Kim GJ, Lagoutte L, Degorce-Rubiales F, Radner FP, Thomas A, Kury S, Bensignor E, Fontaine J, Pin D, Zimmermann R, Zechner R, Lathrop M, Galibert F, Andre C, Fischer J.

Nature Genetics 2012 Jan; 44(2):140.

Application: WB-Ce, Human, Keratinocyte

Disease

- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Obesity](#)
- [Skin Diseases](#)