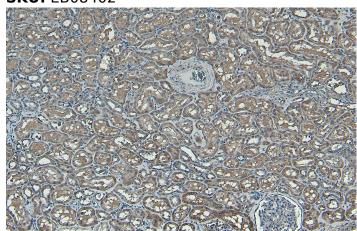
Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

Telephone: (650) 697-3600

## **GOAT ANTI-PNPLA3 / ADIPONUTRIN (MOUSE) ANTIBODY**

**SKU:** EB08402



## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

Storage

Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Alias adiponutrin|Adpn|patatin-like phospholipase domain containing 3|Pnpla3

**Names** 

Accession ID

NP\_473429.2

**Blocking** 

**Peptide** 

EBP08402

Immunogen

Peptide with sequence EHDICPKVKSTN, from the internal region of the protein sequence according to

NP 473429.2.

**Product** 

This antibody is raised against a peptide derived from the Mouse protein sequence and this peptide differs

**Comments** from Human only in position 2.

**Peptide** 

**EHDICPKVKSTN** 

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated Instructions





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**Predicted** 

Human, Mouse, Rat

Species Reactive

Species Human, Mouse

Human

Gene ID

Mouse

116939

Gene ID

**Rat Gene ID** 362972

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_medium.png

IHC Results Paraffin embedded Human Kidney. Recommended concentration: 8μg/ml.

**ELISA** 

**Detection** Antibody detection limit dilution 1:16000.

Limit

Western

Approx 45kDa band observed in Mouse Adrenal Gland lysates, and also in preliminary testing of Mouse and

Western

Lyman Kidney and Ret Adrenal Gland lysate (colored MW) of 43 GDa according to Mayor NR 473430 3)

Human Kidney and Rat Adrenal Gland lysate (calculated MW of 42.6Da according to Mouse NP\_473429.2).

Recommended concentration: 0.01-0.03µg/ml. Primary incubation 1 hour at room temperature.

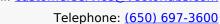
Application Type

Pep-ELISA, WB, IHC

## SELECTED REFERENCES

[{"pmid": 31238009, "intro": "This antibody (previous batch) has been successfully used in Western blot on Rat:", "title": "Decreased liver triglyceride content in adult rats exposed to protein restriction during gestation and lactation: Roles of hepatic lipogenesis and lipid utilization in muscle and adipose tissue", "author": "Mendez-Garcia C, Trini A, Browne V, Kochansky CJ, Pontiggia L, D'mello AP", "journal": "Can J Physiol Pharmacol. 2019 Oct;97(10):952-962"}, {"pmid": 21673048, "intro": "This antibody (previous batch) has been successfully used in Western blot on Rat:", "title": "Sex-dependent hepatic transcripts and metabolites in the development of glucose intolerance and insulin resistance in Zucker diabetic\r\nfatty rats.", "author": "Gustavsson C, Soga T, Wahlström E, Vesterlund M, Azimi A, Norstedt G, Tollet-Egnell P.", "journal": "J Mol Endocrinol. 2011 Aug 25;47(2):129-43."}, {"pmid": 37524709, "intro": "This antibody (previous batch) has been successfully used in WB on Mouse:", "title": "Lysophosphatidylserine induces necrosis in pressure overloaded male mouse hearts via G protein coupled receptor 34", "author": "Ryuta Sugihara, Manabu Taneike, Tomokazu Murakawa, Takahito Tamai, Hiromichi Ueda, Rika Kitazume-Taneike, Takafumi Oka, Yasuhiro Akazawa, Hiroki Nishida, Kentaro Mine, Ayana Hioki, Jumpei Omi, Shigemiki Omiya, Junken Aoki, Kazutaka Ikeda, Kazuhiko Nishida, Makoto Arita, Osamu Yamaguchi, Yasushi Sakata, Kinya Otsu", "journal": "Nat Commun. 2023 Jul 31;14(1):4494."}, {"pmid": 22560221, "intro": "This antibody (previous batch) has been successfully used in Western blot on Mouse:", "title": "Adiponutrin functions as a nutritionally regulated\r\nlysophosphatidic acid acyltransferase.", "author": "Kumari M, Schoiswohl G,

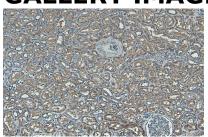


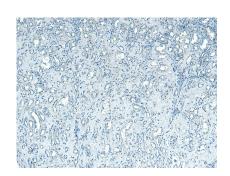




Chitraju C, Paar M, Cornaciu I, Rangrez AY, Wongsiriroj N, Nagy HM, Ivanova PT, Scott SA, Knittelfelder O, Rechberger GN, Birner-Gruenberger R, Eder S, Brown HA, Haemmerle G, Oberer M, Lass A, Kershaw EE, Zimmermann R, Zechner R.", "journal": "Cell Metab. 2012 May 2;15(5):691-702."}]

## **GALLERY IMAGES**





250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

15kDa

20kDa





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