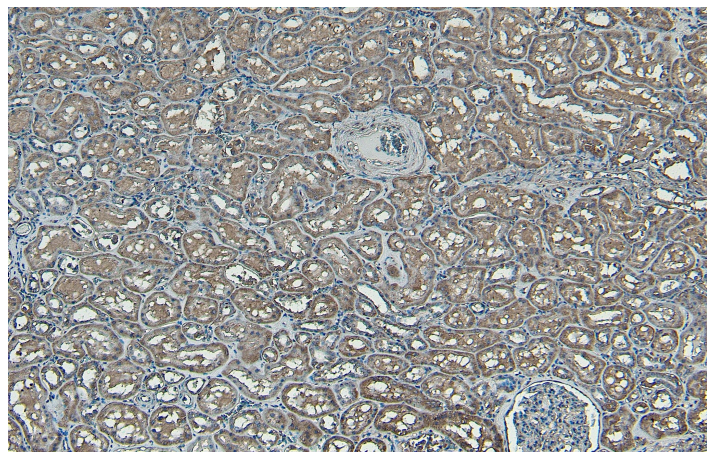


GOAT ANTI-PNPLA3 / ADIPONUTRIN (MOUSE) ANTIBODY

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 Comments This antibody is raised against a peptide derived from the Mouse protein sequence and this peptide differs from Human only in position 2.

Peptide Sequence EHDICPKVKSTN

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species	Human, Mouse, Rat
Reactive Species	Human, Mouse
Human Gene ID	80339
Mouse Gene ID	116939
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 Limit	Antibody detection limit dilution 1:16000.
Western Blot	Approx 45kDa band observed in Mouse Adrenal Gland lysates, and also in preliminary testing of Mouse and 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 fatty 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 lysophosphatidic 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."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

