

## GOAT ANTI-PNPLA2 / DESNUTRIN ANTIBODY

**SKU:** EB08403



250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

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## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Instructions</b>	
<b>Synonym</b> /	triglyceride hydrolase transport-secretion protein 2.2 pigment epithelium-derived factor adipose triglyceride
<b>Alias</b>	lipase TTS2 TTS-2.2 PEDF-R FP17548 DKFZp667M109 ATGL 1110001C14Rik patatin-like phospholipase domain
<b>Names</b>	containing 2 desnutrin PNPLA2
<b>Usage</b>	<strong>Immunofluorescence:</strong> This antibody has been successfully used in IF on Human in the
<b>Summary</b>	following papers, PMID: 33160079.
<b>Accession ID</b>	NP_065109.1
<b>Blocking Peptide</b>	EBP08403
<b>Immunogen</b>	Peptide with sequence C-HFNSKDELIQAN, from the internal region of the protein sequence according to NP_065109.1.
<b>Peptide Sequence</b>	C-HFNSKDELIQAN
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Cow
<b>Reactive Species</b>	Human, Mouse
<b>Human Gene ID</b>	57104
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:128000.
<b>Western Blot</b>	Approx 60kDa band observed in Human Heart lysates (calculated MW of 55.3kDa according to NP_065109.1). Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Mouse, PMID: 29175050.
<b>Application Type</b>	Pep-ELISA, WB, IF

## SELECTED REFERENCES

[{"pmid": 33160079, "intro": "**This antibody has been successfully used in IF on Human:**", "title": "Decoration of myocellular lipid droplets with perilipins as a marker for in vivo lipid droplet dynamics: A super-resolution microscopy study in trained athletes and insulin resistant individuals", "author": "Anne Gemmink, Sabine Daemen, Bram Brouwers, Joris Hoeks, Gert Schaat, Kèvin Knoops, Patrick Schrauwen, Mathijs K C Hesselink", "journal": "Biochim Biophys Acta Mol Cell Biol Lipids. 2020 Nov 4;1866(2):158852."}, {"pmid": 29175050, "intro": "**This antibody has been successfully used in WB on Mouse:**", "title": "Vacuolar protein sorting 13C is a novel lipid droplet protein that inhibits lipolysis in brownadipocytes.", "author": "Ramseyer VD, Kimler VA, Granneman JG.", "journal": "Mol Metab. 2018 Jan;7:57-70. "}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

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150kDa

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