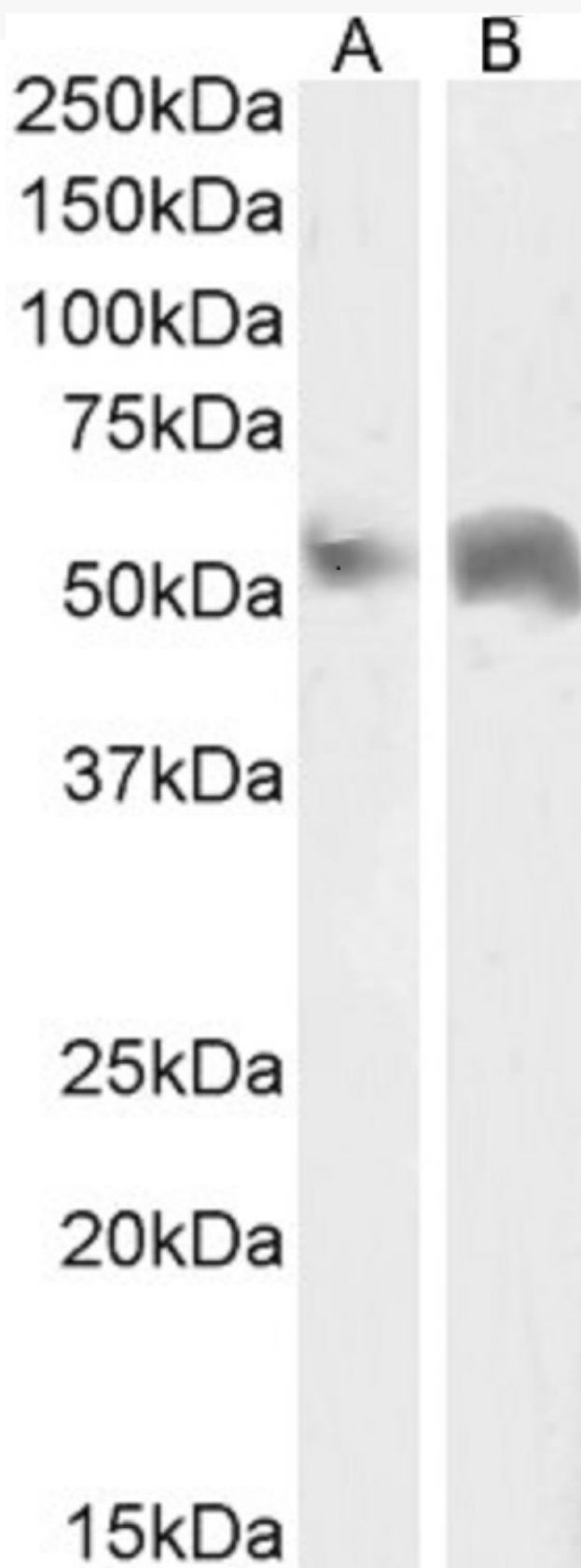


GOAT ANTI-PERILIPIN 1 (C TERMINUS) ANTIBODY

SKU: EB07728



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 Names	Perilipin 1 Perilipin1 PLIN1 lipid droplet-associated protein PERI perilipin Plin
Accession ID	NP_002657.3
Blocking Peptide	EBP07728
Immunogen	Peptide with sequence C-EPILGRAQYSQRKK, from the C Terminus of the protein sequence according to NP_002657.3.
Peptide Sequence	C-EPILGRAQYSQRKK
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, Rat, Dog
Reactive Species	Human
Human Gene ID	5346
Rat Gene ID	25629
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Approx 55kDa band observed in Human Breast and Breast cancer lysates, and in lysates of cell line Jurkat (calculated MW of 56.0kDa according to NP_002657.3). Recommended concentration: 0.5-2µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 35848799, "intro": "**This antibody (previous batch) has been successfully used**"}]

in IHC on Mouse:", "title": "Deconstructing cold-induced brown adipocyte neogenesis in mice.", "author": "Rayanne B Burl, Elizabeth Ann Rondini, Hongguang Wei, Roger Pique-Regi, James G Granneman", "journal": "Elife. 2022 Jul18;11:e80167.doi:10.7554/eLife.80167."}, {"pmid": 31668392, "intro": "**This antibody (previous batch) has been successfully used in IF on Human:**", "title": "Genetically-encoded sensors to detect fatty acid production and trafficking", "author": "Emilio P.Mottillo, Huamei Zhang, Alexander Yang, Li Zhou, James G.Granneman", "journal": "Molecular Metabolism, Vol 29, Nov. 2019, <https://doi.org/10.1016/j.molmet.2019.08.012>"}, {"pmid": 25392270, "intro": "**This antibody (previous batch) has been successfully used in IHC and IF on Mouse:**", "title": "Cellular origins of cold-induced brown adipocytes in adult mice.", "author": "Lee YH, Petkova AP, Konkar AA, Granneman JG.", "journal": "FASEB J. 2015 Jan;29(1):286-99."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

