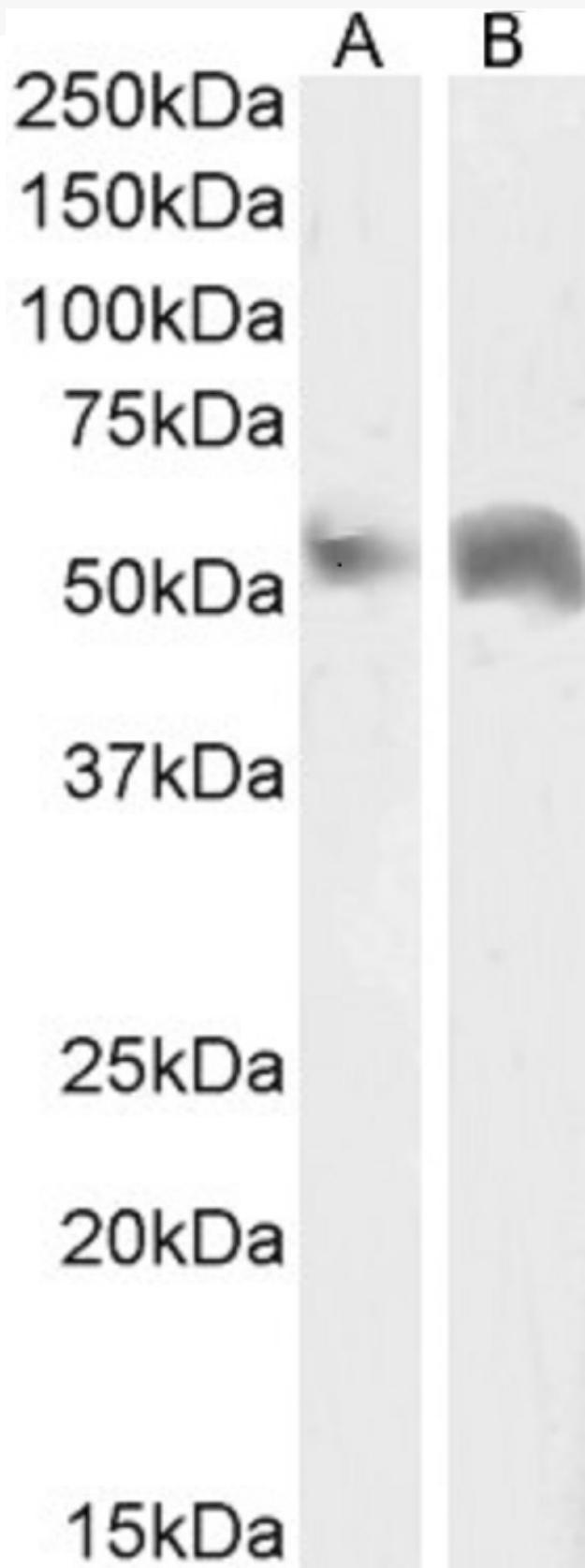


## GOAT ANTI-PERILIPIN 1 (C TERMINUS) ANTIBODY

**SKU:** EB07728



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## 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-EPILGRAQYSQLRK, from the C Terminus of the protein sequence according to NP\_002657.3.

**Peptide Sequence** C-EPILGRAQYSQLRK

**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](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 IHC on Mouse:**"}, {"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

