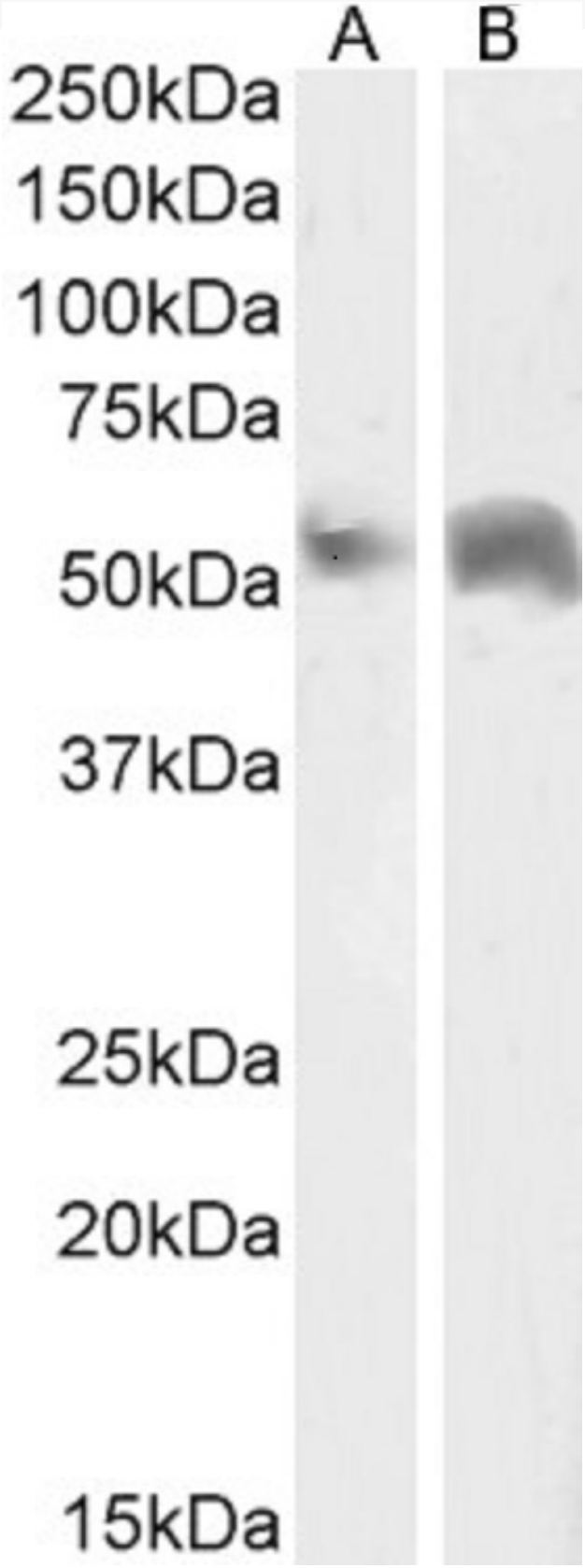
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# GOAT ANTI-PERILIPIN 1 (C TERMINUS) ANTIBODY

**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-EPILGRAQYSQLRKK, from the C Terminus of the protein sequence according to NP_002657.3. |
| **Peptide Sequence** | C-EPILGRAQYSQLRKK |
| **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

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