

GOAT ANTI-PERIPHERIN 1 (MOUSE) ANTIBODY

SKU: EB12405

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

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 Aliquot and store at -20°C. Minimize freezing and thawing.
Instructions

Synonym /

Alias peripherin 1|Prph1|peripherin|Prph

Names

Accession ID NP_038667.2; NP_001157060.1; NP_001157061.1

Blocking Peptide EBP12405

Immunogen Peptide with sequence C-QKEQHSDLKDSSIH, from the C Terminus of the protein sequence according to NP_038667.2; NP_001157060.1; NP_001157061.1.

Product This antibody is expected to recognize all reported isoforms (NP_038667.2; NP_001157060.1; NP_001157061.1).

Peptide Sequence C-QKEQHSDLKDSSIH

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

Shipping Instructions Refrigerated

Predicted Species Mouse, Rat

Reactive Species Mouse, Rat

Mouse Gene ID 19132

Rat Gene ID 24688

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

IHC Results This antibody has been successfully used in IHC on Mouse, PMID: 36226085.

ELISA

Detection Limit Antibody detection limit dilution 1:128000.

Western Blot Approx 55kDa band observed in Rat Colon lysates (calculated MW of 54.0kDa according to NP_036765.2).

Western Blot Recommended concentration: 0.1-0.3µg/ml. An additional faint band of unknown identity was also consistently observed at 75kDa. This band was successfully blocked by incubation with the immunizing peptide. Primary incubation was 1 hour.

Application Type Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 36226085, "intro": "**This antibody has been successfully used in IHC on Mouse:**", "title": "Noise-induced hearing loss vulnerability in type III intermediate filament peripherin gene knockout mice.", "author": "Jennie M E Cederholm, Kristina E Parley, Chamini J Perera, Georg von Jonquieres, Jeremy L Pinyon, Jean-Pierre Julien, David K Ryugo, Allen F Ryan, Gary D Housley", "journal": "Front Neurol. 2022 Sep 26;13:962227."}, {"pmid": 0, "intro": "**This antibody has been successfully used in the following paper:**", "title": "Expression of the P2X1 Receptor Converges onto the Type II Spiral Ganglion Neurons in the Mature Rat Cochlea", "author": "Prakansha N Kumar, Srdjan M Vlajkovic, Peter R Thorne, Haruna Suzuki-Kerr", "journal": "https://doi.org/10.21203/rs.3.rs-6272432/v1 (2025)"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

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