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GOAT ANTI-PERIPHERIN 1 (MOUSE) ANTIBODY

SKU: EB12405







250kDa 150kDa 100kDa

75kDa 50kDa

37kDa

25kDa

20kDa

15kDa





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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 peripherin 1|Prph1|peripherin|Prph

Names

ID

Accession

NP_038667.2; NP_001157060.1; NP_001157061.1

Blocking

EBP12405 **Peptide**

Peptide with sequence C-QKEQHSDLDKSSIH, from the C Terminus of the protein sequence according to **Immunogen**

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). Comments

Peptide

C-QKEQHSDLDKSSIH Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Mouse, Rat

Species

Reactive

19132

Mouse, Rat **Species**

Mouse

Gene ID

Rat Gene ID 24688

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

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

ELISA

Detection Antibody detection limit dilution 1:128000.

Limit

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

Western 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 **Blot**

incubation was 1 hour.

Application

Pep-ELISA, WB, IHC

Type





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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)"}]

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