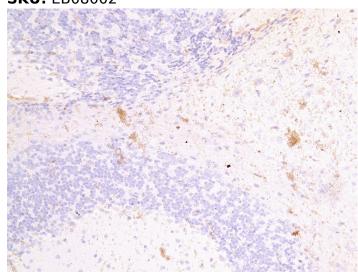


Telephone: (650) 697-3600

GOAT ANTI-FASCIN 2 ANTIBODY

SKU: EB08002



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 /

retinal fascin|fascin 2|RP30|RFSN|fascin homolog 2, actin-bundling protein, retinal (Strongylocentrotus purpuratus)

Alias Names

Immunocytochemistry: This antibody has been successfully used in immunocytochemistry

Usage in Ling-Yun Zhou et al, Elife. 2023 Nov 20:12:e90155; PMID: 37982489. Summary

Accession

NP_001070650.1; NP_036550.1 ID

Blocking

EBP08002 **Peptide**

Peptide with sequence CHHRGSNQLDTNR, from the internal region of the protein sequence according to **Immunogen**

NP_001070650.1; NP_036550.1.

Product Comments

This antibody is expected to recognize both reported isoforms (NP_001070650.1 and NP_036550.1).

Peptide Sequence

CHHRGSNQLDTNR





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

Method using the immunizing peptide.

Shipping Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog **Species**

Reactive **Species**

Mouse

Human Gene ID

25794

Rat Gene ID 303741

Mouse

Gene ID

238021

Product

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

Paraffin embedded Mouse Brain. Recommended concentration: 4µg/ml. This product was also successfully

IHC Results used on sections of mouse cochlea as descibed in Shin et al, J Neurosci. 2010 Jul 21;30(29):9683-94; PMID:

20660251.

ELISA

Detection Antibody detection limit dilution 1:64000.

Limit

Application Pep-ELISA, IHC, ICC **Type**

SELECTED REFERENCES

[{"pmid": 22948144, "intro": "This antibody has been successfully used in the following paper:", "title": "HCN1 and HCN2 proteins are expressed in cochlear hair cells: HCN1 can form a ternary complex with protocadherin 15 CD3 and F-actin-binding filamin A or can interact with HCN2.", "author": "Ramakrishnan NA, Drescher MJ, Khan KM, Hatfield JS, Drescher DG.", "journal": "J Biol Chem. 2012 Nov 2;287(45):37628-46."}, {"pmid": 20660251, "intro": "This antibody has been successfully used in IHC on Mouse:", "title": "The R109H variant of fascin-2, a developmentally regulated actin crosslinker in hair-cell stereocilia, underlies earlyonset hearing loss of DBA/2J mice.", "author": "Shin JB, Longo-Guess CM, Gagnon LH, Saylor KW, Dumont RA, Spinelli KJ, Pagana JM, Wilmarth PA, David LL, Gillespie PG, Johnson KR.", "journal": "J Neurosci. 2010 Jul 21;30(29):9683-94."}, {"pmid": 37982489, "intro": "This antibody has been successfully used in ICC on Mouse:", "title": "Differential regulation of hair cell actin cytoskeleton mediated by SRF and MRTFB.", "author": "Ling-Yun Zhou, Chen-Xi Jin, Wen-Xiao Wang, Lei Song, Jung-Bum Shin, Ting-Ting Du & Hao Wu", "journal": "Elife. 2023 Nov 20:12:e90155."}]

GALLERY IMAGES





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