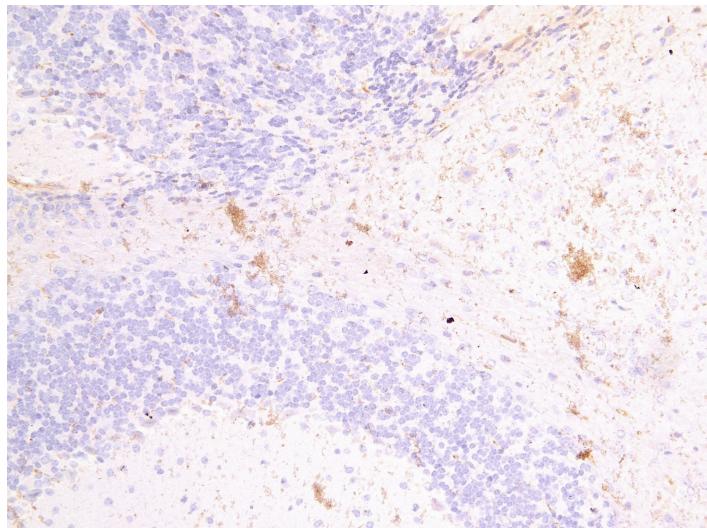


GOAT ANTI-FASCIN 2 ANTIBODY

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

Synonym /

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

Names

Usage **Immunocytochemistry:** This antibody has been successfully used in immunocytochemistry in Ling-Yun Zhou et al, Elife. 2023 Nov 20:12:e90155; PMID: 37982489.

Summary

Accession ID NP_001070650.1; NP_036550.1

Blocking Peptide

EBP08002

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

Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography
Method	using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog
Reactive Species	Mouse
Human Gene ID	25794
Mouse Gene ID	238021
Rat Gene ID	303741
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Mouse Brain. Recommended concentration: 4µg/ml. This product was also successfully used on sections of mouse cochlea as described in Shin et al, J Neurosci. 2010 Jul 21;30(29):9683-94; PMID: 20660251.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Application Type	Pep-ELISA, IHC, ICC

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 early-onset 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."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

