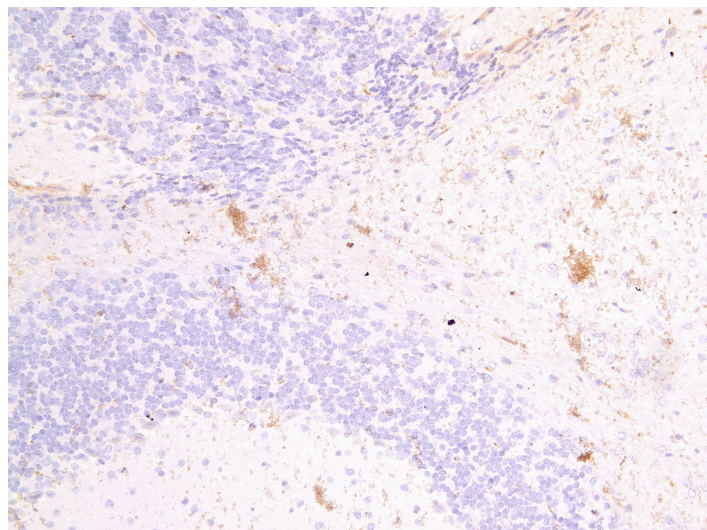


# GOAT ANTI-FASCIN 2 ANTIBODY

**SKU:** EB08002



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Instructions</b>	
<b>Synonym / Alias Names</b>	retinal fascin fascin 2 RP30 RFSN fascin homolog 2, actin-bundling protein, retinal (Strongylocentrotus purpuratus)
<b>Usage</b>	<strong>Immunocytochemistry:</strong> This antibody has been successfully used in immunocytochemistry
<b>Summary</b>	in Ling-Yun Zhou et al, Elife. 2023 Nov 20;12:e90155; PMID: 37982489.
<b>Accession ID</b>	NP_001070650.1; NP_036550.1
<b>Blocking Peptide</b>	EBP08002
<b>Immunogen</b>	Peptide with sequence CHHRGSNQLDTNR, from the internal region of the protein sequence according to NP_001070650.1; NP_036550.1.
<b>Product Comments</b>	This antibody is expected to recognize both reported isoforms (NP_001070650.1 and NP_036550.1).
<b>Peptide Sequence</b>	CHHRGSNQLDTNR

<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog
<b>Reactive Species</b>	Mouse
<b>Human Gene ID</b>	25794
<b>Mouse Gene ID</b>	238021
<b>Rat Gene ID</b>	303741
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a> 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.
<b>IHC Results</b>	
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:64000.
<b>Application Type</b>	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

