



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

## US Office

### Everest Biotech c/o Abcore

405 Maple Street, Suite A106  
Ramona,  
CA 92065  
USA

Inquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[usasales@everestbiotech.com](mailto:usasales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08002 - Goat Anti-Fascin 2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** fascin homolog 2, actin-bundling protein, retinal (Strongylocentrotus purpuratus), RFSN, RP30, fascin 2, retinal fascin

**Official Symbol:** FSCN2

**Accession Number(s):** NP\_001070650.1; NP\_036550.1

**Human GeneID(s):** [25794](#)

**Non-Human GeneID(s):** 238021 (mouse), 303741 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001070650.1 and NP\_036550.1).

### Immunogen

Peptide with sequence CHHRGSNQLDTNR, from the internal region of the protein sequence according to NP\_001070650.1; NP\_036550.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

**IHC:** Paraffin embedded Mouse Brain. Recommended concentration: 4µg/ml. This product was successfully used on sections of mouse cochlea as described in Shin et al, J Neurosci. 2010 Jul 21;30(29):9683-94; PMID: 20660251.

### Species Reactivity

**Tested:** Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Dog

### Specific References

**This antibody has been successfully used in the following papers:**

Shin JB, Longo-Guess CM, Gagnon LH, Saylor KW, Dumont RA, Spinelli KJ, Pagana JM, Wilmarth PA, David LL, Gillespie PG, Johnson KR.

The R109H variant of fascin-2, a developmentally regulated actin crosslinker in hair-cell stereocilia, underlies early-onset hearing loss of DBA/2J mice.

J Neurosci. 2010 Jul 21;30(29):9683-94.

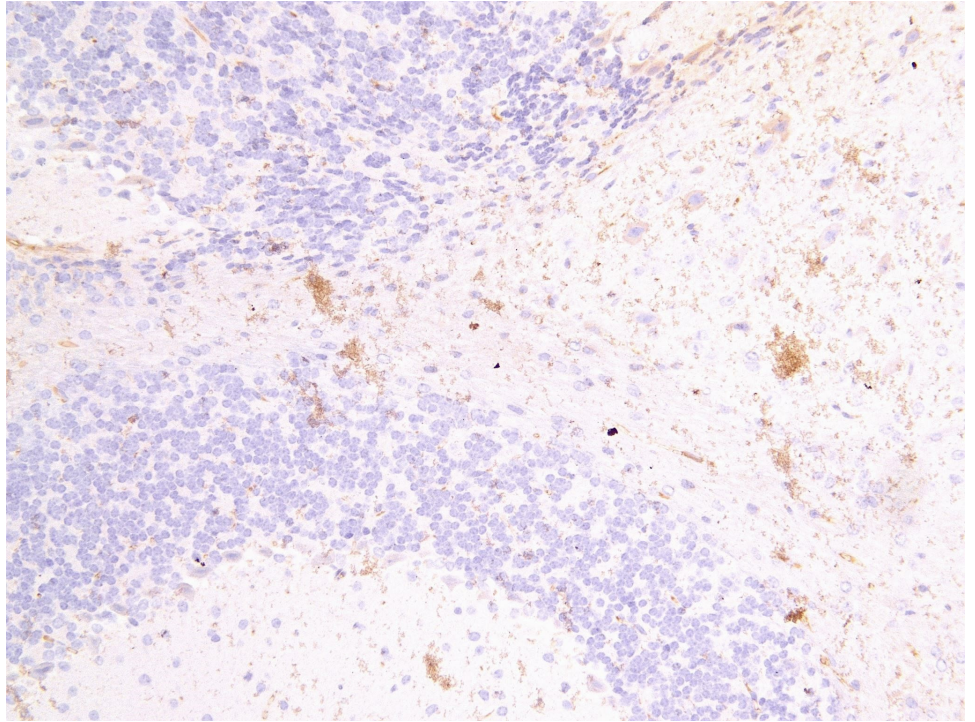
PMID: 20660251

Ramakrishnan NA, Drescher MJ, Khan KM, Hatfield JS, Drescher DG.

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.

J Biol Chem. 2012 Nov 2;287(45):37628-46.

PMID: 22948144



EB08002 (4µg/ml) staining of paraffin embedded Mouse Brain. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.