



[Go to Product page](#)

Datasheet for ABIN334397

anti-Fascin 2 antibody (Internal Region)

1 Image

3 Publications

Overview

Quantity:	100 µg
Target:	Fascin 2 (FSCN2)
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Fascin 2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Fascin 2
Immunogen:	Peptide with sequence CHHRGSNQLDTNR, from the internal region of the protein sequence according to NP_001070650.1, NP_036550.1.
Sequence:	CHHRGSNQLD TNR
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001070650.1 and NP_036550.1).
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: Fascin 2 (FSCN2)

Alternative Name: FSCN2 ([FSCN2 Products](#))

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

Gene ID: 25794, 238021, 303741

NCBI Accession: [NP_001070650](#), [NP_036550](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Mouse Brain. Recommended concentration: 4 μ g/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.
Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

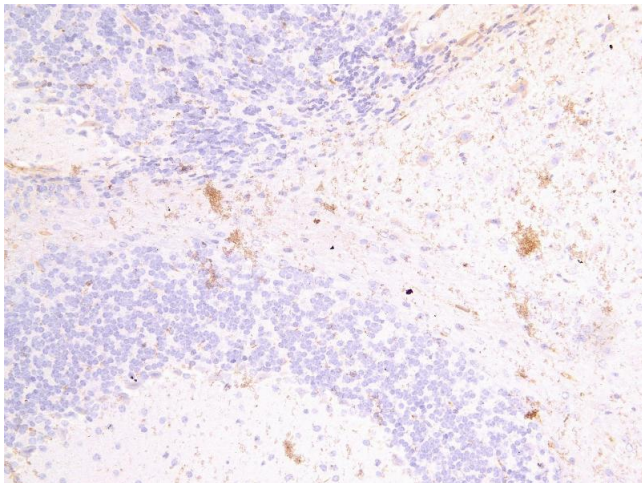
Product cited in:

Burns, Kelly, Hoa, Morell, Kelley: "Single-cell RNA-Seq resolves cellular complexity in sensory organs from the neonatal inner ear." in: **Nature communications**, Vol. 6, pp. 8557, (2015) ([PubMed](#)).

Ramakrishnan, Drescher, Khan, Hatfield, Drescher: "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." in: **The Journal of biological chemistry**, Vol. 287, Issue 45, pp. 37628-46, (2012) ([PubMed](#)).

Shin, Longo-Guess, Gagnon, Saylor, Dumont, Spinelli, Pagana, Wilmarth, David, Gillespie, Johnson: "The R109H variant of fascin-2, a developmentally regulated actin crosslinker in hair-cell stereocilia, underlies early-onset hearing loss of DBA/2J mice." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 30, Issue 29, pp. 9683-94, (2010) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN334397 (4µg/ml) staining of paraffin embedded Mouse Brain. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.