

Datasheet for ABIN7599023
anti-Fascin 2 antibody (AA 1-167)



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Overview

Quantity:	100 µg
Target:	Fascin 2 (FSCN2)
Binding Specificity:	AA 1-167
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fascin 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-Fascin 2/FSCN2 Antibody Picoband®
Immunogen:	E.coli-derived human Fascin 2/FSCN2 recombinant protein (Position: M1-K167).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	<p>Anti-Fascin 2/FSCN2 Antibody Picoband® (ABIN7599023). Tested in ELISA, WB applications.</p> <p>This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	Fascin 2 (FSCN2)
Alternative Name:	FSCN2 (FSCN2 Products)
Background:	<p>Synonyms: Fascin-2, Retinal fascin, FSCN2</p> <p>Tissue Specificity: Localized specifically in the outer and inner segments of the photoreceptor cells in the retina.</p> <p>Background: Fascin-2 is a protein that in humans is encoded by the FSCN2 gene. It is mapped to 17q25.3. This gene encodes a member of the fascin protein family. Fascins crosslink actin into filamentous bundles within dynamic cell extensions. This family member is proposed to play a role in photoreceptor disk morphogenesis. A mutation in this gene results in one form of autosomal dominant retinitis pigmentosa and macular degeneration. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Weight:	60 kDa
Gene ID:	25794
UniProt:	O14926

Application Details

Application Notes:	<p>"Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>"1. Hillier LD, Lennon G, Becker M, et al. (1997). "Generation and analysis of 280,000 human expressed sequence tags". Genome Res. 6 (9): 807-28. 2. Tubb BE, Bardien-Kruger S, Kashork CD, et al. (2000). "Characterization of human retinal fascin gene (FSCN2) at 17q25: close physical linkage of fascin and cytoplasmic actin genes". Genomics. 65 (2): 146-56. 3. Saishin Y, Ishikawa R, Ugawa S, et al. (2000). "Retinal fascin: functional nature, subcellular distribution, and chromosomal localization". Invest. Ophthalmol. Vis. Sci. 41 (8): 2087-95.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.