

Datasheet for ABIN7601434
anti-Scinderin antibody (AA 35-617)



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Overview

Quantity:	100 µg
Target:	Scinderin (SCIN)
Binding Specificity:	AA 35-617
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Scinderin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-SCIN Antibody Picoband®
Immunogen:	E.coli-derived human SCIN recombinant protein (Position: S35-Y617).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SCIN Antibody Picoband® (ABIN7601434). Tested in ELISA, WB applications. 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	Scinderin (SCIN)
Alternative Name:	SCIN (SCIN Products)
Background:	<p>Synonyms: BAG family molecular chaperone regulator 5,BAG-5,Bcl-2-associated athanogene 5,BAG5,KIAA0873,</p> <p>Tissue Specificity: Expressed in all tissues examined with lower levels in brain and testis.</p> <p>Background: Scinderin (also known as adseverin) is a protein that in humans is encoded by the SCIN gene. Ca(2+)-dependent actin filament-severing protein that is presumed to have a regulatory function in exocytosis by affecting the organization of the microfilament network underneath the plasma membrane. In vitro, also has barbed end capping and nucleating activities in the presence of Ca(2+). Regulates chondrocyte proliferation and differentiation. MAP kinases p38 and ERK1/2 mediate the adseverin-induced accelerated differentiation of non-hypertrophic chondrocytes (By similarity).</p>
Molecular Weight:	80 kDa
Gene ID:	85477
UniProt:	Q9Y6U3
Pathways:	Regulation of Actin Filament Polymerization

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. Ehre, C., Rossi, A. H., Abdullah, L. H., De Pestel, K., Hill, S., Olsen, J. C., Davis, C. W. Barrier role of actin filaments in regulated mucin secretion from airway goblet cells. Am. J. Physiol. Cell Physiol. 288: C46-C56, 2005. 2. Gross, M. B. Personal Communication. Baltimore, Md. 5/20/2010. 3. Nagase, T., Kikuno, R., Ohara, O. Prediction of the coding sequences of unidentified human genes. XXI. The complete sequences of 60 new cDNA clones from brain which code for large proteins. DNA Res. 8: 179-187, 2001.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	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 freezing and thawing.