

Datasheet for ABIN185539

anti-14-3-3 sigma/SFN antibody (Internal Region)**6** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	14-3-3 sigma/SFN (SFN)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This 14-3-3 sigma/SFN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	14-3-3 sigma / Stratifin
Immunogen:	Peptide with sequence C-DLHTLSEDSYKDST, from the internal region of the protein sequence according to NP_006133.1.
Sequence:	DLHTLSEDSY KDST
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	14-3-3 sigma/SFN (SFN)
Alternative Name:	SFN (SFN Products)
Background:	SFN, 14-3-3sigma, stratifin, HGNC:10773, YWHAS
Gene ID:	2810, 55948, 313017
NCBI Accession:	NP_006133
Pathways:	p53 Signaling , Myometrial Relaxation and Contraction

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Skin shows strong nuclear staining in selected cells of the basal layer. Recommended concentration, 2-4 µg/mL.</p> <p>Western Blot: Approx 26-28 kDa band observed in Human, Mouse and Rat Skin lysates and in lysates of cell lines A431 and U2OS (calculated MW of 27.8 kDa according to Human NP_006133.1, Mouse NP_061224.2 and Rat XP_003750096.1). Recommended concentration: 0</p> <p>Peptide ELISA: antibody detection limit dilution 1:16000.</p>
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.

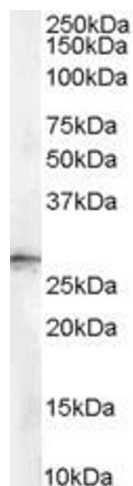
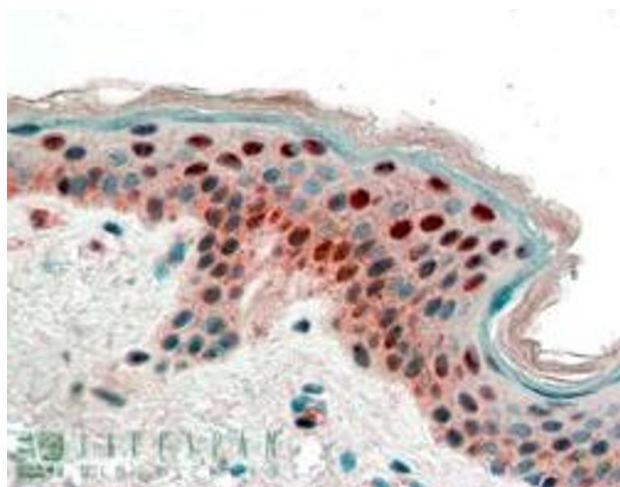
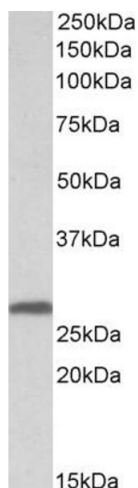


Image 1. ABIN185539 (0.1µg/ml) staining of human skin lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 2. ABIN185539 (2.5µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 3. ABIN185539 (0.03µg/ml) staining of Human Skin lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN185539.