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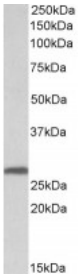
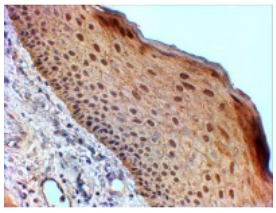
14-3-3 sigma Antibody

CATALOG NUMBER: 45-174



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



Immunohistochemistry (2µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx. 28kDa band observed in Human Skin lysates (calculated MW of 27.8kDa according to NP_006133.1). Recommended concentration: 0.03-0.1ug/ml. Immunohistochemistry: In paraffin embedded Human Skin shows strong nuclear staining in selected cells of the basal layer. Recommended concentration, 2-4ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1376 - Human Skin Tissue Lysate
IMMUNOGEN:	14-3-3 sigma antibody was raised against a 14 amino acid synthetic peptide near the internal region of 14-3-3 sigma.
HOST SPECIES:	Goat

Properties

PURIFICATION:	14-3-3 sigma antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	14-3-3 sigma antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	SFN, stratifin, HGNC:10773, 14-3-3 sigma, HME1
ACCESSION NO.:	NP_006133.1
PROTEIN GI NO.:	5454052
OFFICIAL SYMBOL:	SFN

GENE ID:	2810

Background

REFERENCES:	1) Lodygin D, Hermeking H. The role of epigenetic inactivation of 14-3-3sigma in human cancer. Cell Res. 2005 Apr;15(4):237-46. Review.

FOR RESEARCH USE ONLY

December 13, 2016