

ARG63881 anti-14-3-3 sigma / Stratifin antibody

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes 14-3-3 sigma / Stratifin
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Dog, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	14-3-3 sigma / Stratifin
Species	Human
Immunogen	C-DLHTLSEDSYKDST
Conjugation	Un-conjugated
Alternate Names	YWHA5; 14-3-3 protein sigma; Epithelial cell marker protein 1; Stratifin

Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 4 µg/ml
	WB	1:1000 - 1:2500
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Tris/EDTA buffer (pH 9.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

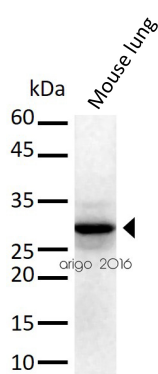
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

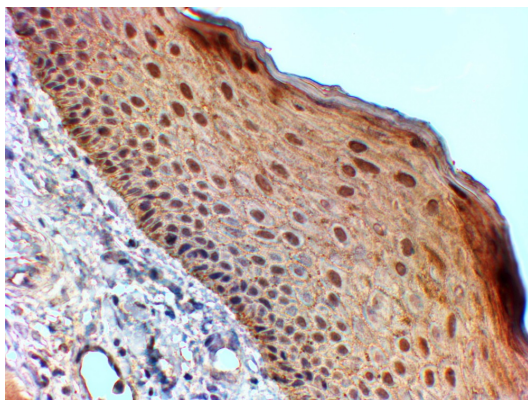
Database links	GeneID: 2810 Human
	GeneID: 55948 Mouse
	Swiss-port # O70456 Mouse
	Swiss-port # P31947 Human
Gene Symbol	SFN
Gene Full Name	stratifin
Function	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. When bound to KRT17, regulates protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway. May also regulate MDM2 autoubiquitination and degradation and thereby activate p53/TP53. p53-regulated inhibitor of G2/M progression. [UniProt]
Highlight	Related products: 1433 sigma antibodies: 1433 sigma Duos / Panels: Anti-Goat IgG secondary antibodies: Related news: 14-3-3η as a promising target for the treatment of Major Depression Disorder Has “Obesity gene” been found?
Research Area	Developmental Biology antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	28 kDa
PTM	Ubiquitinated. Ubiquitination by RFFL induces proteasomal degradation and indirectly regulates p53/TP53 activation.

Images



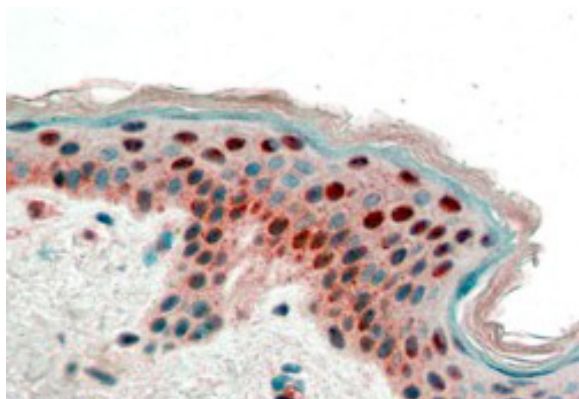
ARG63881 anti-14-3-3 sigma / Stratifin antibody WB image

Western blot: 30 µg of Mouse lung lysate stained with ARG63881 anti-14-3-3 sigma / Stratifin antibody at 1:1500 dilution.



ARG63881 anti-14-3-3 sigma / Stratifin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human skin tissue.
Antigen Retrieval: Steam tissue section in Tris/EDTA buffer (pH 9.0).
The tissue section was stained with ARG63881 anti-14-3-3 sigma / Stratifin antibody at 2 µg/ml dilution followed by HRP-staining.



ARG63881 anti-14-3-3 sigma / Stratifin antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Skin. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63881 anti-14-3-3 sigma / Stratifin antibody at 2.5 µg/ml dilution followed by AP-staining.