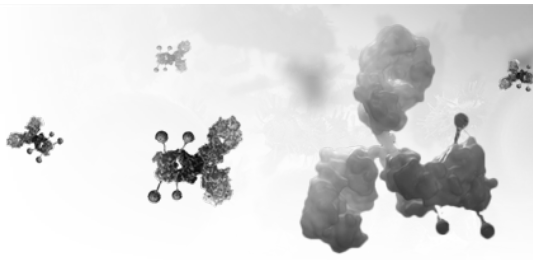

Rabbit Anti-Human SFN Polyclonal Antibody (CABT-L2218)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Stratifin (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against SFN. It has been selected for its ability to recognize SFN in immunohistochemical staining and western blotting.
Target	SFN
Immunogen	Recombinant fragment corresponding to human SFN (Met1~Ser248)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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.
Keywords	YWHAS;HME1;14-3-3 Protein Sigma;Epithelial cell marker protein 1

GENE INFORMATION

Gene Name	SFN stratifin [Homo sapiens (human)]
Official Symbol	SFN
Synonyms	SFN; stratifin; YWHAS; 14-3-3 protein sigma; 14-3-3 sigma; epithelial cell marker protein 1;
Entrez Gene ID	2810
Protein Refseq	NP_006133
UniProt ID	P31947
Chromosome Location	1p36.11
Pathway	Activation of BAD and translocation to mitochondria; Activation of BH3-only proteins; Aldosterone-regulated sodium reabsorption; Alpha6-Beta4 Integrin Signaling Pathway; Apoptosis; Calcium Regulation in the Cardiac Cell; Cell cycle; Class I PI3K signaling events mediated by Akt;
Function	phosphoprotein binding; protein binding; protein domain specific binding; protein kinase C inhibitor activity; protein kinase binding;

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