

Anti-14-3-3 sigma antibody



Description	Rabbit polyclonal to 14-3-3 sigma.
Model	STJ91377
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human 14-3-3 sigma
Immunogen Region	10-90 aa, Internal
Gene ID	2810
Gene Symbol	SFN
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	14-3-3 sigma Polyclonal Antibody detects endogenous levels of 14-3-3 sigma protein.
Tissue Specificity	Present mainly in tissues enriched in stratified squamous keratinizing epithelium.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	14-3-3 protein sigma Epithelial cell marker protein 1 Stratifin
Molecular Weight	30 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10773OMIM:601290
Alternative Names	14-3-3 protein sigma Epithelial cell marker protein 1 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.
Cellular Localization	Cytoplasm. Nucleus Secreted. May be secreted by a non-classical secretory pathway.
Post-translational Modifications	Ubiquitinated. Ubiquitination by RFFL induces proteasomal degradation and indirectly regulates p53/TP53 activation.