

Rabbit anti-Human 14-3-3 sigma Polyclonal Antibody | anti-SFN antibody

Anti-14-3-3 sigma Antibody, Rabbit Polyclonal

CATALOG # AAA256159	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

14-3-3 sigma; Polyclonal Antibody; Anti-14-3-3 sigma Antibody; Rabbit Polyclonal; 14-3-3 sigma Antibody; Rabbit PAb; Antigen Affinity Purified; stratifin; Anti-YWHAS Antibody; anti-SFN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human 14-3-3 sigma
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SFN antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human 14-3-3 sigma fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human 14-3-3 sigma fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human SFN in human esophagus with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human SFN in human skin with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-SFN rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 27 kDa Observed band size: 30 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SFN antibody	14-3-3 protein sigma (YWHAS), also known as stratifin (SFN) and epithelial cell marker protein 1, is a member of the 14-3-3 proteins which are a family of conserved regulatory molecules expressed in all eukaryotic cells. The name 14-3-3 refers to the particular elution and migration pattern of these proteins on DEAE-cellulose chromatography and starch-gel electrophoresis. The 14-3-3 proteins eluted in the 14th fraction of bovine brain homogenate and were found on positions 3.3 of subsequent electrophoresis. There are seven genes that encode 14-3-3s in most mammals. 14-3-3 proteins have been identified as adapter proteins implicated in the regulation of a large spectrum of both general and specialized signaling pathways. More than 1 signaling proteins have been reported as 14-3-3 ligands including kinases, phosphatases, and transmembrane receptors, and the binding generally results in the modulation of the activity of the binding partner. YWHAE exists as a homodimer and present mainly in tissues enriched in stratified squamous keratinising epithelium. YWHAS has been reported to interact with KRT17 and GAB2, and may regulate protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway upon binding to KRT17. Additionally, YWHAS (SFN) may also act as a p53-regulated inhibitor of G2/M progression.
Product Categories/Family for anti-SFN antibody	phospho-Serine/phospho-Threonine Binding Proteins Adaptor Proteins Apoptosis Adaptor Proteins
References	Zakut-Houri R., et al., (1985), Human p53 cellular tumor antigen: cDNA sequence and expression in COS cells. EMBO J. 4:1251-1255. Lamb P., et al., (1986), Characterization of the human p53 gene. Mol. Cell. Biol. 6:1379-1385. Harlow E., et al., (1985), Molecular cloning and in vitro expression of a cDNA clone for human cellular tumor antigen p53. Mol. Cell. Biol. 5:1601-1610.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/14-3-3-sigma-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/256159>