

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

Anti-14-3-3 sigma antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45140	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

14-3-3 sigma; Polyclonal Antibody; Anti-14-3-3 sigma antibody; 14-3-3 protein sigma; stratifin; 14 3 3 protein sigma antibody; 14-3-3 protein sigma antibody; 1433S_HUMAN antibody; Epithelial cell marker protein 1 antibody; Er antibody; HME 1 antibody; HME1 antibody; MGC143283 antibody; Mkrn3 antibody; Mme1 antibody; OTTHUMP0000004242 antibody; RP23 137L22.11 antibody; SFN antibody; SFN protein antibody; Stratifin antibody; YWHAS antibody; anti-SFN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	248
Applicable Applications for anti-SFN antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human 14-3-3 sigma (140-156aa KKRIIDSARSAYQEAMD), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-14-3-3 sigma antibody, AAA45140, IHC(P)IHC(P): Human Oesophagus Squama Cancer Tissue



IHC (Immunohistochemisry)

Anti-14-3-3 sigma antibody, AAA45140, IHC(P)IHC(P): Human Tonsil Tissue



IHC (Immunohistochemistry)

Anti-14-3-3 sigma antibody, AAA45140, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)

Anti-14-3-3 sigma antibody, AAA45140, Western blottingAll lanes: Anti 14-3-3 sigma (AAA45140) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: A549 Whole Cell Lysate at 40ugLane 3: A549 Whole Cell Lysate at 40ugLane 4: COLO320 Whole Cell Lysate at 40ugLane 5: SE620 Whole Cell Lysate at 40ugPredicted bind size: 28KDObserved bind size: 28KD

ADDITIONAL INFORMATION

Related Product Information for anti-SFN antibody

Description: Rabbit IgG polyclonal antibody for 14-3-3 protein sigma(SFN) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat.

Background: Stratifin(SFN), also known as 14-3-3 protein sigma, is strongly induced by gamma irradiation and other DNA-damaging agents. The induction of 14-3-3-sigma is mediated by a p53 -responsive element located 1.8 kb upstream of its transcription start site. Leffers et al.(1993)obtained peptide sequence and subsequently cloned a T-cell cDNA of the 14-3-3 family of conserved proteins. The protein, called stratifin, was shown to be diffusely distributed in the cytoplasm and was present in cultured epithelial cells. It was most abundant in tissues enriched in stratified keratinizing epithelium.

NCBI AND UNIPROT INFORMATION

NCBI GI #	398953
NCBI GeneID	2810
UniProt Accession #	P31947; Q6FH30; Q6FH51; Q96DH0
Molecular Weight	24,336 Da
NCBI Official Full Name	14-3-3 protein sigma
NCBI Official Synonym Full Names	stratifin
NCBI Official Symbol	SFN
NCBI Official Synonym Symbols	YWHAS
NCBI Protein Information	14-3-3 protein sigma; 14-3-3 sigma; epithelial cell marker protein 1
UniProt Protein Name	14-3-3 protein sigma
UniProt Gene Name	SFN
UniProt Synonym Gene Names	HME1
UniProt Entry Name	1433S_HUMAN

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-immunocytochemistry-immunohistochemistry-western-blot-elisa/45140>