antibodies -online.com







anti-SAFB antibody (AA 300-400)

Images



Overview

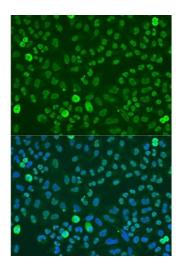
Quantity:	100 μL
Target:	SAFB
Binding Specificity:	AA 300-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAFB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

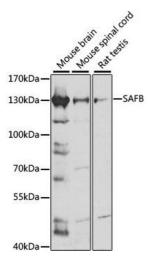
Product Details

Purpose:	SAFB Rabbit pAb
lmmunogen:	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human SAFB (NP_002958.2).
Sequence:	QPGDGERTDC EPVGLEPAVE QSSAASELAE ASSEELAEAP TEAPSPEARD SKEDGRKFDF DACNEVPPAP KESSTSEGAD QKMSSPEDDS DTKRLSKEEK G
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	SAFB
Alternative Name:	SAFB (SAFB Products)
Background:	This gene encodes a DNA-binding protein which has high specificity for scaffold or matrix attachment region DNA elements (S/MAR DNA). This protein is thought to be involved in attaching the base of chromatin loops to the nuclear matrix but there is conflicting evidence as to whether this protein is a component of chromatin or a nuclear matrix protein. Scaffold attachment factors are a specific subset of nuclear matrix proteins (NMP) that specifically bind to S/MAR. The encoded protein is thought to serve as a molecular base to assemble a 'transcriptosome complex' in the vicinity of actively transcribed genes. It is involved in the regulation of heat shock protein 27 transcription, can act as an estrogen receptor co-repressor and is a candidate for breast tumorigenesis. This gene is arranged head-to-head with a similar gene whose product has the same functions. Multiple transcript variants encoding different isoforms have been found for this gene.,SAFB,HAP,HET,SAB-B1,SAF-B,SAF-B1,SAF-B,SAF-B1,SAFB1,Epigenetics & Nuclear Signaling,RNA Binding,SAFB
Molecular Weight:	95kDa/102kDa
Gene ID:	6294
UniProt:	Q15424
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway
Application Details	
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using SAFB antibody (ABIN7270155) at dilution of 1:100. Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using SAFB antibody (ABIN7270155) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 20s.