

For Research Use Only

SAFB2 Polyclonal antibody

Catalog Number: 11642-1-AP **1 Publications**



Basic Information

Catalog Number: 11642-1-AP	GenBank Accession Number: BC025279	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 650 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9667	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:20-1:200 IF 1:200-1:800
Source: Rabbit	UNIPROT ID: Q14151	
Isotype: IgG	Full Name: scaffold attachment factor B2	
Immunogen Catalog Number: AG2230	Calculated MW: 528aa,57 kDa; 953aa,107 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : MCF-7 cells, BxPC-3 cells, HeLa cells, rat pancreas tissue IHC : human breast cancer tissue, IF : U2OS cells,
Cited Applications: IF, WB	
Species Specificity: human, rat	
Cited Species: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

SAFB2, also named as Scaffold attachment factor B2 or KIAA0138, is a 953 amino acid protein, which contains one SAP domain and one RRM (RNA recognition motif) domain. SAFB2 expressed at high levels in the CNS and at low levels in the liver. It also is expressed in a wide number of breast cancer cell lines. SAFB2 binds to scaffold/matrix attachment region (S/MAR) DNA and can function as an estrogen receptor corepressor and can also inhibit cell proliferation.

Notable Publications

Author	Pubmed ID	Journal	Application
Bo Zheng	24339256	Proteomics	WB,IF

Storage

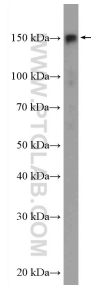
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

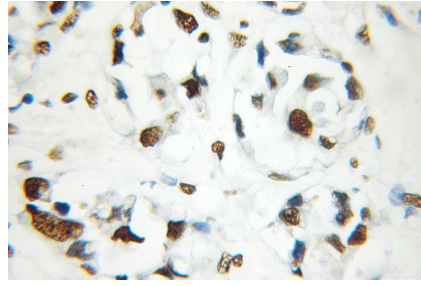
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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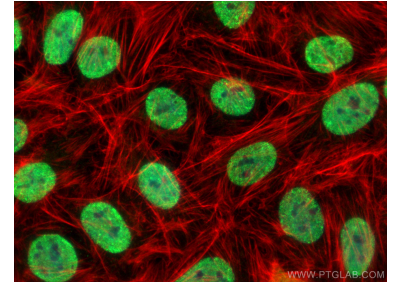
Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 11642-1-AP (SAFB2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 11642-1-AP (SAFB2 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using SAFB2 antibody (11642-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).