

For Research Use Only

SAFB2 Polyclonal antibody

Catalog Number: 11642-1-AP

2 Publications



Basic Information

Catalog Number:

11642-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2230

GenBank Accession Number:

BC025279

GeneID (NCBI):

9667

UNIPROT ID:

Q14151

Full Name:

scaffold attachment factor B2

Calculated MW:

528aa, 57 kDa; 953aa, 107 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:20-1:200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

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

Positive Controls:

WB : MCF-7 cells, BxPC-3 cells, HeLa cells, rat pancreas tissue

IHC : human breast cancer tissue,

IF/ICC : U2OS cells,

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
Rachel E Cherney	37468167	RNA	WB

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

For technical support and original validation data for this product please contact:

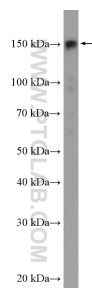
T: 4006900926

E: Proteintech-CN@ptglab.com

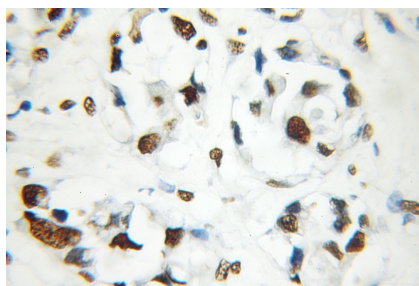
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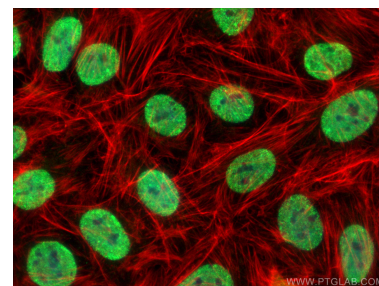
Selected Validation Data



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 Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).