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## SAFB (C) Antibody, Rabbit Polyclonal

Cat#: R1676-2

Quantity: 100 ul

Predicted I Observed M.W.: 103 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q15424

### Background:

Scaffold attachment factor B (SAFB) is a DNA-binding protein which has high specificity for scaffold or matrix attachment region DNA elements (S/MAR DNA). SAFB 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. SAFB is thought to serve as a molecular base to assemble a 'transcriptosome complex' in the vicinity of actively transcribed genes. SAFB 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. Multiple transcript variants encoding different isoforms have been found for this gene [provided by RefSeq].

### Other Names:

Scaffold attachment factor B1, SAF-B, SAF-B1, HSP27 estrogen response element-TATA box-binding protein, HSP27 ERE-TATA-binding protein, HAP, HET, SAFB1

### Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human SAFB. Antibodies were purified by affinity purification using immunogen.

### Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### Species Specificity:

Human

### Tested Applications:

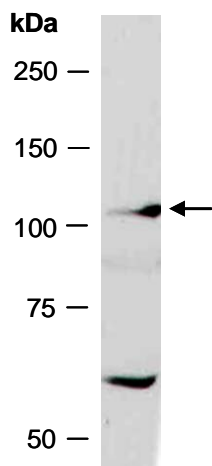
WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

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**For research use only. Not for therapeutic or diagnostic purposes.**  
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**Product Data:**



**Fig 1.** Western blot of total cell extracts from human Jurkat; anti-SAFB (C) (R1676-2) at RT for 2 h.