

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TA355977

SAFB Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SAFB
Specificity:	Expected reactivity : Human Homology : Cow: 93%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 93%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	93 kDa
Gene Name:	scaffold attachment factor B
Database Link:	<u>NP_002958.2</u> <u>Entrez Gene 6294 Human</u> <u>Q15424-2</u>



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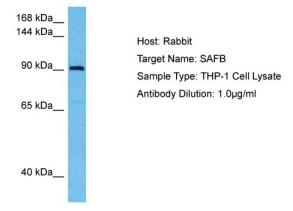
Background: This gene encodes a DNA-binding protein which has high specificity for scaffold or matrix attachment region DNA elements(S/MAR DNA). This protein is thought to be involved in attachingthe base of chromatin loops to the nuclear matrix but there isconflicting evidence as to whether this protein is a component of chromatin or a nuclear matrix protein. Scaffold attachment factorsare a specific subset of nuclear matrix proteins (NMP) that specifically bind to S/MAR. The encoded protein is thought to serveas a molecular base to assemble a 'transcriptosome complex' in thevicinity of actively transcribed genes. It is involved in theregulation of heat shock protein 27 transcription, can act as anestrogen receptor corepressor 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 transcriptvariants encoding different isoforms have been found for this gene.

Synonyms: DKFZp779C1727; HAP; HET; SAB-B1; SAF-B; SAFB1

Protein Families:

Druggable Genome, Transcription Factors

Product images:



Host: Rabbit Target Name: SAFB Sample Tissue: Human THP-1 Whole Cell lysates Antibody Dilution: 1ug/ml

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