

## **Anti-SAFB Rabbit Monoclonal Antibody**

**Catalog # ABO16473** 

# **Specification**

## **Anti-SAFB Rabbit Monoclonal Antibody - Product Information**

Application WB, IHC, IF, ICC

Primary Accession

Host
Rabbit
Isotype
IgG

Reactivity Rat, Human, Mouse

Clonality Monoclonal Format Liquid

**Description** 

Anti-SAFB Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

# **Anti-SAFB Rabbit Monoclonal Antibody - Additional Information**

**Gene ID 6294** 

### **Other Names**

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

### Calculated MW

150 kDa KDa

## **Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200</br>

### **Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

### **Immunogen**

A synthesized peptide derived from human SAFB

# **Purification**

Affinity-chromatography

Storage Store at -20°C for one year. For short term

storage and frequent use, store at 4°C for

up to one month. Avoid repeated

freeze-thaw cycles.

## **Anti-SAFB Rabbit Monoclonal Antibody - Protein Information**

**Name SAFB** 



## Synonyms HAP, HET, SAFB1

### **Function**

Binds to scaffold/matrix attachment region (S/MAR) DNA and forms a molecular assembly point to allow the formation of a 'transcriptosomal' complex (consisting of SR proteins and RNA polymerase II) coupling transcription and RNA processing (PubMed:<a

href="http://www.uniprot.org/citations/9671816" target="\_blank">9671816</a>). Functions as an estrogen receptor corepressor and can also bind to the HSP27 promoter and decrease its transcription (PubMed:<a href="http://www.uniprot.org/citations/12660241"

target="\_blank">12660241</a>). Thereby acts as a negative regulator of cell proliferation (PubMed:<a href="http://www.uniprot.org/citations/12660241" target="\_blank">12660241</a>). When associated with RBMX, binds to and stimulates transcription from the SREBF1 promoter (By similarity).

### **Cellular Location**

Nucleus

### **Tissue Location**

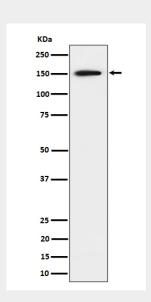
Ubiquitous. Expressed at high levels in the CNS and at low levels in the liver. Expressed in a wide number of breast cancer cell lines

# **Anti-SAFB Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## **Anti-SAFB Rabbit Monoclonal Antibody - Images**



Western blot analysis of SAFB expression in 293 cell lysate.