

## ATF1 Rabbit pAb

db2422

Package : 20µL 50µL 100µL

**Product Name** : ATF1 Rabbit pAb  
**Cat.No.:** db2422  
**Synonyms** : TREB36; EWS-ATF1; FUS/ATF-1  
**Application** : WB, ICC/IF, IP  
**Reactivity** : Human  
**Host species** : Rabbit

**Background**

This gene encodes an activating transcription factor, which belongs to the ATF subfamily and bZIP (basic-region leucine zipper) family. It influences cellular physiologic processes by regulating the expression of downstream target genes, which are related to growth, survival, and other cellular activities. This protein is phosphorylated at serine 63 in its kinase-inducible domain by serine/threonine kinases, cAMP-dependent protein kinase A, calmodulin-dependent protein kinase *II*, mitogen- and stress-activated protein kinase and cyclin-dependent kinase 3 (cdk-3). Its phosphorylation enhances its transactivation and transcriptional activities, and enhances cell transformation. Fusion of this gene and FUS on chromosome 16 or EWSR1 on chromosome 22 induced by translocation generates chimeric proteins in angiomatoid fibrous histiocytoma and clear cell sarcoma. This gene has a pseudogene on chromosome 6. [provided by RefSeq, Aug 2010]

**Immunogen**

A synthetic peptide of human ATF1

**Gene ID**

466

**Swiss Prot**

P18846

**Synonyms**

TREB36; EWS-ATF1; FUS/ATF-1

**Reactivity**

Human

**Application**

WB, ICC/IF, IP

**Recommended dilution**

WB: 1:2000  
ICC/IF: 1:20  
IP: 1:20

**Calculated MW**

29 kDa

**Observed MW**

40 kDa

**Host species**

Rabbit

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.