

ATF-7 Polyclonal Antibody

Catalog No: YT0390

Reactivity: Human; Mouse

Applications: WB;IHC;IF;ELISA

Target: ATF-7

Gene Name: ATF7

Protein Name: Cyclic AMP-dependent transcription factor ATF-7

P17544

Q8R0S1

Human Gene Id: 11016

Human Swiss Prot

No:

Mouse Gene ld: 223922

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

ATF7. AA range:41-90

Specificity: ATF-7 Polyclonal Antibody detects endogenous levels of ATF-7 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not

yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

1/3

Observed Band:

52kD

Background:

function:Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AG][AG]-3'), a sequence present in many viral and cellular promoters.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,similarity:Contains 1 C2H2-type zinc finger.,subunit:Binds DNA as a dimer.,

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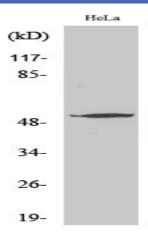
Subcellular Location:

Nucleus . Nucleus, nucleoplasm . Chromosome, telomere . Mainly nucleoplasmic. Restricted distribution to the perinuculear region. The sumoylated form locates to the nuclear periphery.; [Isoform 5]: Cytoplasm .

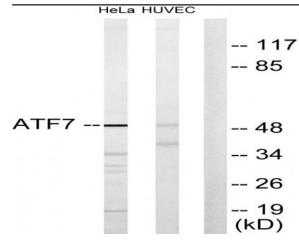
Expression:

Expressed in various tissues including heart, brain, placenta, lung and skeletal muscle. Highest levels in skeletal muscle. Lowest in lung and placenta.; [Isoform 4]: Strongly expressed in skeletal muscle. Also expressed at lower levels in heart and lung.

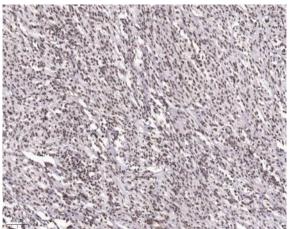
Products Images



Western Blot analysis of various cells using ATF-7 Polyclonal Antibody



Western blot analysis of lysates from HeLa and HUVEC cells, using ATF7 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Small intestinal stromal tumor. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).