

ATF-5 Polyclonal Antibody

Catalog No :	YT0388
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	ATF5
Gene Name :	ATF5
Protein Name :	Cyclic AMP-dependent transcription factor ATF-5
Human Gene Id :	22809
Human Swiss Prot No :	Q9Y2D1
Mouse Gene Id :	107503
Mouse Swiss Prot No :	O70191
Rat Gene Id :	282840
Rat Swiss Prot No :	Q6P788
Immunogen :	The antiserum was produced against synthesized peptide derived from human ATF5. AA range:221-270
Specificity :	ATF-5 Polyclonal Antibody detects endogenous levels of ATF-5 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. ELISA: 1:5000.. IF 1:50-200
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)

Observed Band : 31kD

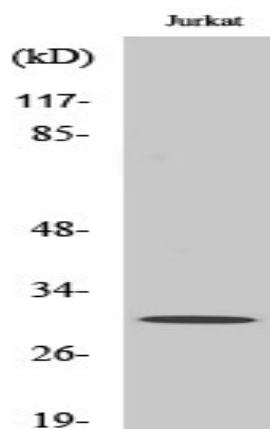
Background : function:Transcriptional activator which binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters and blocks the differentiation of neuroprogenitor cells into neurons. Its transcriptional activity is enhanced by CCND3 and slightly inhibited by CDK4.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,subunit:Binds DNA as a dimer. Interacts with PTP4A1/PRL-1 (By similarity). Interacts with CCND3, but not with CCND1 or CCND2.,

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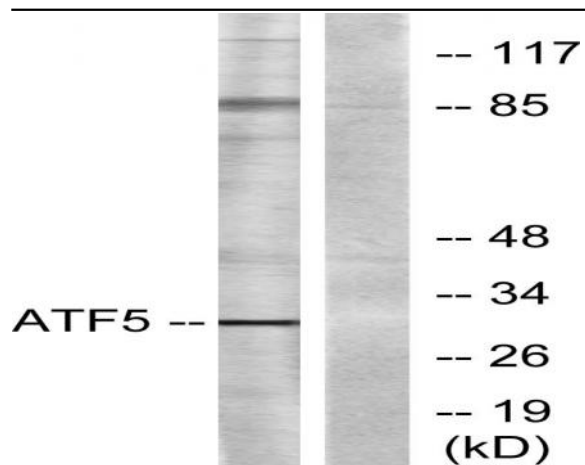
Subcellular Location : Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Actively transported to the centrosome and accumulated in the pericentriolar material (PCM) during G1 to M phase via a microtubule-dependent mechanism. During late telophase and cytokinesis, translocates from the centrosome to the midbody. .

Expression : Widely expressed with higher expression levels in liver.

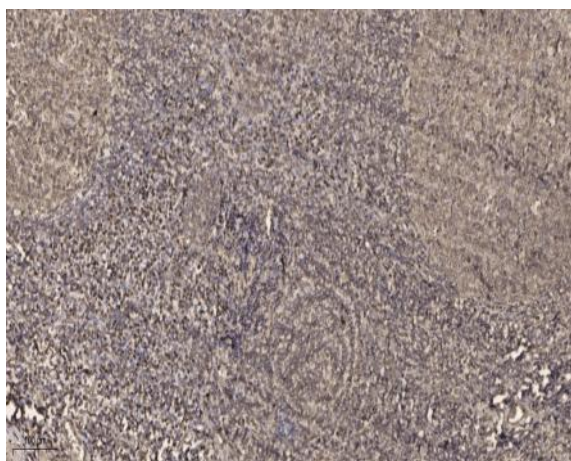
Products Images



Western Blot analysis of various cells using ATF-5 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from Jurkat cells, using ATF5 Antibody. The lane on the right is blocked with the synthesized peptide.



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