

## ATF-5 Polyclonal Antibody

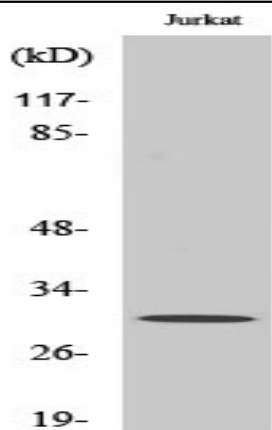
<b>Catalog No :</b>	YT0388
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	ATF5
<b>Gene Name :</b>	ATF5
<b>Protein Name :</b>	Cyclic AMP-dependent transcription factor ATF-5
<b>Human Gene Id :</b>	22809
<b>Human Swiss Prot No :</b>	Q9Y2D1
<b>Mouse Gene Id :</b>	107503
<b>Mouse Swiss Prot No :</b>	O70191
<b>Rat Gene Id :</b>	282840
<b>Rat Swiss Prot No :</b>	Q6P788
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human ATF5. AA range:221-270
<b>Specificity :</b>	ATF-5 Polyclonal Antibody detects endogenous levels of ATF-5 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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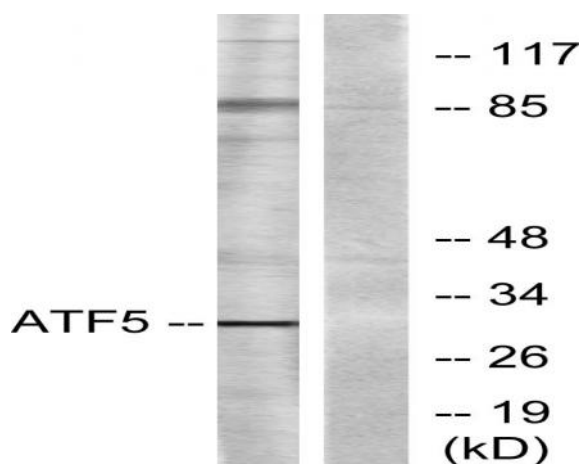
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	31kD
<b>Background :</b>	function:Transcriptional activator which binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral 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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<b>Subcellular Location :</b>	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. .
<b>Expression :</b>	Widely expressed with higher expression levels in liver.
<b>Tag :</b>	hot
<b>Sort :</b>	2369
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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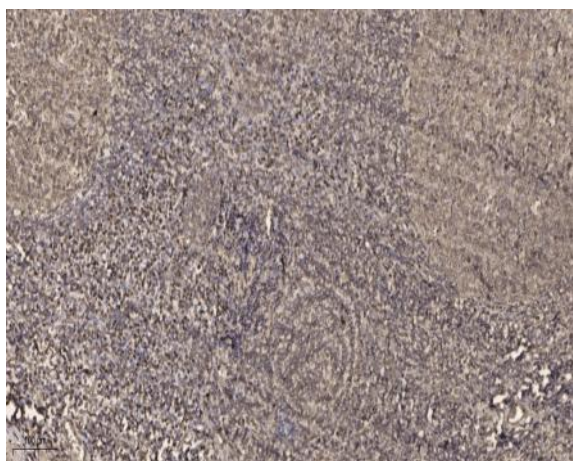
## Products Images



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).