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<b>Product name:</b>	ATF-4 Rabbit Monoclonal Antibody
<b>Cat number:</b>	MABN21542
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG,Kappa
<b>Immunogen:</b>	Recombinant protein of human ATF-4
<b>Reactivity:</b>	Human,Mouse,Rat,
<b>Applications:</b>	WB 1:1000-1:5000,IHC 1:100-1:200,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
<b>Molecular Weight:</b>	Calculated MW:38kD;Observed MW:49kD
<b>Purification:</b>	Protein A
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	Cell localization:Nucleus.activating transcription factor 4(ATF4) Homo sapiens This gene encodes a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV-1. The encoded protein was also isolated and characterized as the cAMP-response element binding protein 2 (CREB-2). The protein encoded by this gene belongs to a family of DNA-binding proteins that includes the AP-1 family of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain. Two alternative transcripts encoding the same protein have been described. Two pseudogenes are located on the X chromosome at q28 in a region containing a large inverted duplication. [provid