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anti-ATF3 antibody (C-Term)





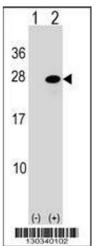
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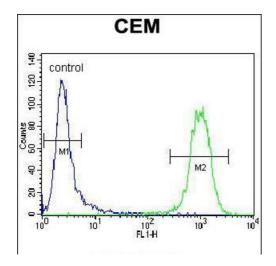
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ATF3		
AA 140-168, C-Term		
Human		
Rabbit		
Polyclonal		
This ATF3 antibody is un-conjugated		
conjugated synthetic		
conjugated synthetic uman ATF3.		
uman ATF3.		

	longer isoform represses rather than activates transcription from promoters with ATF binding elements. The shorter isoform (deltaZip2) lacks the leucine zipper protein-dimerization motif		
	and does not bind to DNA, and it stimulates transcription presumably by sequestering inhibitory co-factors away from the promoter. It is possible that alternative splicing of the ATF3 gene may be physiologically important in the regulation of target genes.		
Molecular Weight:	21 kDa		
Gene ID:	467		
UniProt:	P18847		
Pathways:	Myometrial Relaxation and Contraction, ER-Nucleus Signaling, Unfolded Protein Response		
Application Details			
Application Notes:	For WB starting dilution is: 1:1000		
	For FACS starting dilution is: 1:10~50		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.4 mg/mL		
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Storage:	4 °C,-20 °C		
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.		







Western Blotting

Image 1. Western blot analysis in CEM cell line lysates (35ug/lane).

Western Blotting

Image 2. Western blot analysis of ATF3 using rabbit polyclonal ATF3 Antibody using 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ATF3 gene.

Flow Cytometry

Image 3. Flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.