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Datasheet for ABIN4996977

anti-ATF6B antibody (AA 301-400) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	ATF6B
Binding Specificity:	AA 301-400
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATF6B antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ATF6 beta
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ATF6B
Alternative Name:	ATF6 beta (ATF6B Products)

Target Details

Background:	<p>Synonyms: G13, CREBL1, CREB-RP, Cyclic AMP-dependent transcription factor ATF-6 beta, cAMP-dependent transcription factor ATF-6 beta, Activating transcription factor 6 beta, ATF6-beta, Protein G13, cAMP response element-binding protein-related protein, cAMP-responsive element-binding protein-like 1, ATF6B</p> <p>Background: Transcriptional factor that acts in the unfolded protein response (UPR) pathway by activating UPR target genes induced during ER stress. Binds DNA on the 5'-CCAC[GA]-3' half of the ER stress response element (ERSE) (5'-CCAATN(9)CCAC[GA]-3') when NF-Y is bound to ERSE.</p>
Gene ID:	1388
UniProt:	Q99941
Pathways:	Thyroid Hormone Synthesis , Myometrial Relaxation and Contraction

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months