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Datasheet for ABIN7111248 **anti-ATF6B antibody**

Overview

Quantity:	100 µg
Target:	ATF6B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATF6B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	activating transcription factor 6 beta
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ATF6B
Alternative Name:	ATF6B (ATF6B Products)
Background:	Synonyms: CREBL1, G13 Background: The endoplasmic reticulum (ER)-transmembrane proteins, ATF6 alpha (ATF6) and ATF6 beta (ATF6B), are cleaved during the ER stress response (ERSR). The resulting N-terminal fragments of both ATF6 isoforms, which have conserved basic

Target Details

	leucine-zipper and DNA binding domains but divergent transcriptional activation domains, translocate to the nucleus where they bind to ER stress-response elements (ERSE) in ERSR, such as Bip/GRP78. This antibody could recognize ATF6 beta (110kd) and its cleaved forms(60,80kd)(PMID: 11256944)
Molecular Weight:	110 kDa, 60 kDa, 80 kDa
Gene ID:	1388
UniProt:	Q99941
Pathways:	Thyroid Hormone Synthesis , Myometrial Relaxation and Contraction

Application Details

Application Notes:	WB: 1:1000-1:4000, IP:1:500-1:2000, IHC: 1:20-1:200, IF: 1:10-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months