



[Go to Product page](#)

Datasheet for ABIN7442183
anti-ATF4 antibody (AA 126-291)

3 Images

Overview

Quantity:	100 µL
Target:	ATF4
Binding Specificity:	AA 126-291
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATF4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Activating Transcription Factor 4 (ATF4)
Immunogen:	Recombinant Activating Transcription Factor 4 (ATF4) corresponding to Val126~Thr291 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ATF4. It has been selected for its ability to recognize ATF4 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ATF4
---------	------

Target Details

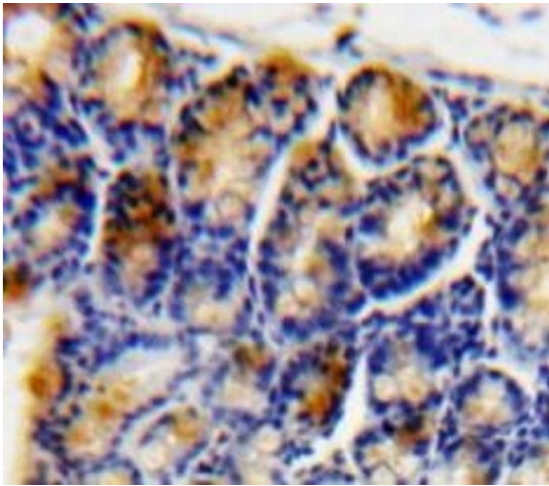
Alternative Name:	Activating Transcription Factor 4 (ATF4 Products)
Background:	TAXREB67, TXREB, CREB-2, DNA-binding protein TAXREB67, Cyclic AMP-responsive element-binding protein 2, Tax-responsive enhancer element-binding protein 67
Pathways:	Thyroid Hormone Synthesis , Myometrial Relaxation and Contraction , ER-Nucleus Signaling , Unfolded Protein Response

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

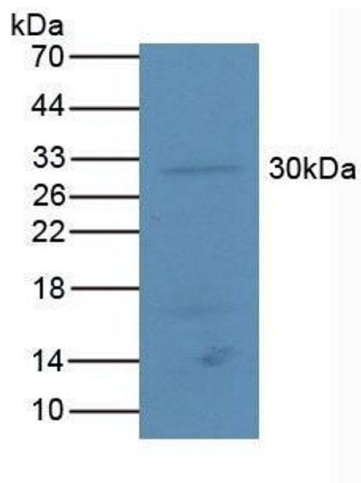
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



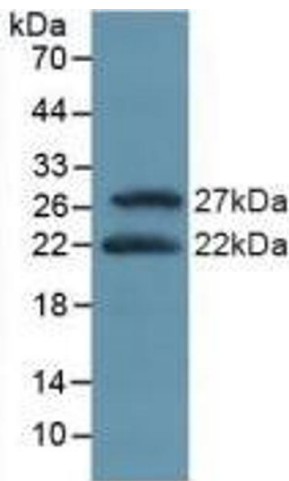
Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of ATF4 in Mouse Lung Tissue using Polyclonal Antibody to Activating Transcription Factor 4 (ATF4)



Western Blotting

Image 3. Detection of Recombinant ATF4, Mouse using Polyclonal Antibody to Activating Transcription Factor 4 (ATF4)