

Datasheet for ABIN7433582
anti-ATF4 antibody (AA 130-347)

7 Images

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Overview

Quantity:	100 µL
Target:	ATF4
Binding Specificity:	AA 130-347
Reactivity:	Human
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 Thr130~Lys347 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.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

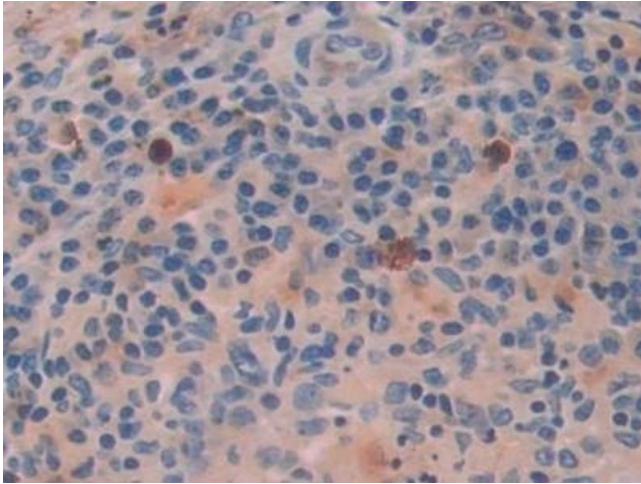
Target:	ATF4
Alternative Name:	Activating Transcription Factor 4 (ATF4 Products)
Background:	TAXREB67, TXREB, CREB-2, DNA-binding protein TAXREB67, Cyclic AMP-responsive element-binding protein 2, Tax-responsive enhancer element-binding protein 67
Pathways:	Thyroid Hormone Synthesis , Myometrial Relaxation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

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

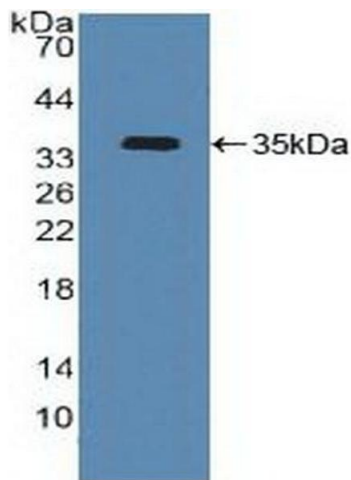
Handling

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



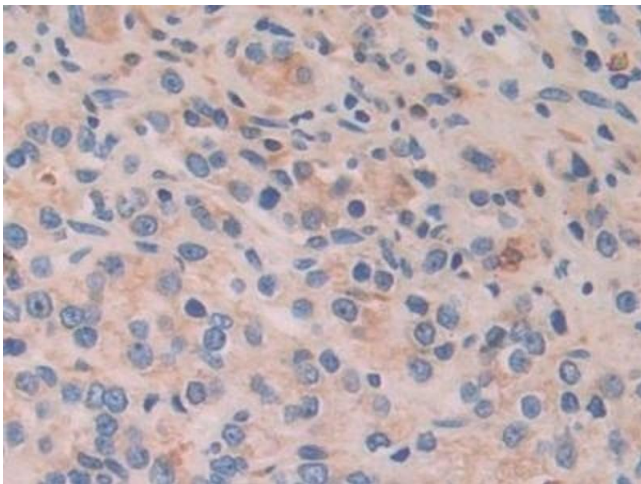
Immunohistochemistry

Image 1. Detection of ATF4 in Human Skin cancer Tissue using Polyclonal Antibody to Activating Transcription Factor 4 (ATF4)



Western Blotting

Image 2. Detection of Recombinant ATF4, Human using Polyclonal Antibody to Activating Transcription Factor 4 (ATF4)



Immunohistochemistry

Image 3. Detection of ATF4 in Human Prostate cancer Tissue using Polyclonal Antibody to Activating Transcription Factor 4 (ATF4)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7433582.