

Datasheet for ABIN2854487  
**anti-ATF6 antibody (C-Term)**



[Go to Product page](#)

**1** Publication

## Overview

Quantity:	100 µL
Target:	ATF6
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATF6 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human ATF6. The exact sequence is proprietary.
Isotype:	IgG
Specificity:	This antibody was raised against the C-terminus of human ATF6 alpha, meaning it can only detect the uncleaved form.,Knockdown/Knockout validation was supported by references (PMID:29535165)
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit polyclonal antibody to ATF6 (activating transcription factor 6) ATF6 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.

## Product Details

Grade: KO Validated

## Target Details

Target:	ATF6
Alternative Name:	activating transcription factor 6 ( <a href="#">ATF6 Products</a> )
Background:	ATF6 is an endoplasmic reticulum (ER) stress-regulated transmembrane transcription factor that activates the transcription of ER molecules.[supplied by OMIM]  Cellular Localization: Endoplasmic reticulum membrane , Processed cyclic AMP-dependent transcription factor ATF-6 alpha: Nucleus
Molecular Weight:	75 kDa
Gene ID:	22926
UniProt:	<a href="#">P18850</a>
Pathways:	<a href="#">ER-Nucleus Signaling</a> , <a href="#">Unfolded Protein Response</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Validatio: KO/KD, Orthogonal
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

## Handling

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multiple freeze-thaw cycles.

## Publications

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Product cited in: Wang, Lai, Yang, Lin, Chen, Tsai: "Counteracting Cisplatin-Induced Testicular Damages by Natural Polyphenol Constituent Honokiol." in: **Antioxidants (Basel, Switzerland)**, Vol. 9, Issue 8, (2020) ([PubMed](#)).