

## Datasheet for ABIN2780105 anti-NFAT5 antibody (Middle Region)



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2 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	NFAT5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Guinea Pig, Horse, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFAT5 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse NFAT5
Sequence:	TIQTQDISQP GTFPAVSAAS QLPSSDALLQ QATQFQTREA QSRDTIQSDT
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 83%, Horse: 93%, Human: 93%, Mouse: 100%, Pig: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against NFAT5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	NFAT5
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## Target Details

Alternative Name:	NFAT5 ( <a href="#">NFAT5 Products</a> )
Background:	<p>Nfat5 contains 1 RHD (Rel-like) domain, and plays a role in the inducible expression of genes. Nfat5 regulates hypertonicity-induced cellular accumulation of osmolytes. Nfat5 might be capable of forming stable dimers with DNA elements</p> <p>Alias Symbols: CAG-8, CAG80, OREBP, nfatz, NFATL1, TonEBP, AI225870, mKIAA0827, B130038B15Rik</p> <p>Protein Size: 1534</p>
Molecular Weight:	166 kDa
Gene ID:	54446
NCBI Accession:	<a href="#">NM_018823</a>
UniProt:	<a href="#">Q9WV30</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">WNT Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1534 AA
Restrictions:	For Research Use only

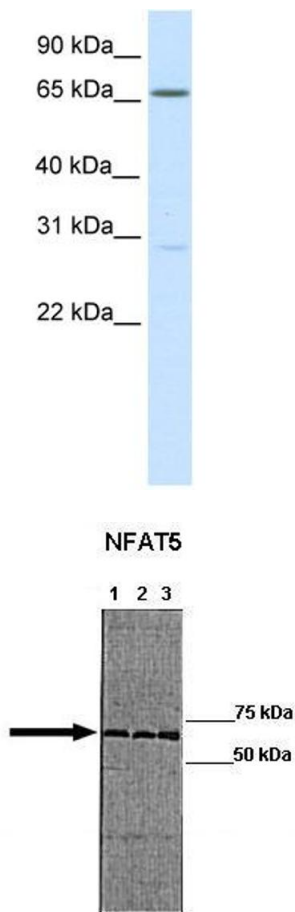
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Nishimura, Mitne-Neto, Silva, Oliveira, Vainzof, Zatz: "A novel locus for late onset amyotrophic lateral sclerosis/motor neurone disease variant at 20q13." in: **Journal of medical genetics**, Vol. 41, Issue 4, pp. 315-20, (2004) ([PubMed](#)).

Images



See Immunoblot 2 Data and Customer Feedback for more information

Western Blotting

**Image 1.** WB Suggested Anti-NFAT5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: SP2/0 cell lysate

Western Blotting

**Image 2.** Lanes: Lane 1:241 µg HT 29 lysate blocked with 5 % FBS Lane 2: 041 µg HT 29 lysate blocked with no FBS Lane 3: 041 µg HT-29 lysate blocked with no PBS + 100 mM NaCl  
Primary Antibody Dilution: 1:0000  
Secondary Antibody: Goat anti-rabbit-HRP  
Secondary Antibody Dilution: 1:0000  
Gene Name: NFAT5

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