

Datasheet for ABIN2777544  
**anti-NFIB antibody (Middle Region)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

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

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NFIB
Sequence:	QDSGQSGSPS HNDPAKNPPG YLEDSFVKSG VFNVSELVRV SRTPITQGTG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against NFIB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	NFIB
---------	------

## Target Details

Alternative Name:	NFIB ( <a href="#">NFIB Products</a> )
Background:	<p>NFIB is a member of the nuclear factor I family of nuclear proteins, which are known to be involved in viral and cellular transcription. NFIB includes the proposed DNA binding and dimerization domain. NFIB recognizes and binds the palindromic sequence 5'-</p> <p>Alias Symbols: CTF, NF1-B, NFI-B, NFIB2, NFIB3, NF-I/B, NFI-RED, HMGIC/NFIB</p> <p>Protein Interaction Partner: EED, GRK5, SUMO1, ELAVL1, UBC, SOX2, NFIC, RFX1, NFIX,</p> <p>Protein Size: 420</p>
Molecular Weight:	47 kDa
Gene ID:	4781
NCBI Accession:	<a href="#">NM_005596</a> , <a href="#">NP_005587</a>
UniProt:	<a href="#">O00712</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 420 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: Ursini, Cavalleri, Fazio, Angrisano, Iacovelli, Porcelli, Maddalena, Punzi, Mancini, Gelao, Romano, Masellis, Calabrese, Rampino, Taurisano, Di Giorgio, Keller, Tarantini, Sinibaldi, Quarto et al.: " BDNF rs6265 methylation and genotype interact on risk for schizophrenia. ..." in: **Epigenetics**, Vol. 11, Issue 1, pp. 11-23, (2016) ([PubMed](#)).

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-NFIB Antibody Titration: 1.25ug/ml Positive Control: Transfected 293T