

Datasheet for ABIN2780389  
**anti-EGR4 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	EGR4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGR4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human EGR4
Sequence:	RSDHLTSHVR THTGEKPFAC DVCGRRFARS DEKKRHSHKVH LKQKARAEER
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against EGR4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	EGR4
---------	------

## Target Details

Alternative Name:	EGR4 ( <a href="#">EGR4 Products</a> )
Background:	<p>The nerve growth factor-induced clone C (NGFI-C/EGR4) gene is a zinc-finger transcription factor that is rapidly induced by nerve growth factor in rat pheochromocytoma PC12 cells and by seizure in brain. NGFI-C/EGR4 is closely related to the previously described early response genes, nerve growth factor-induced clone A (NGFI-A or EGR1), EGR2, and EGR3. These four early response (immediate early) proteins all contain very similar zinc-finger DNA binding domains and five highly homologous subdomains. EGR-4 functionally cooperate with NFAT proteins and induce expression of IL-2 and TNFalpha. Early growth response proteins (EGR) and nuclear factors of activated T cells (NFAT) form heterodimers and regulate proinflammatory cytokine gene expression.</p> <p>Alias Symbols: NGFIC, NGFI-C, PAT133</p> <p>Protein Interaction Partner: NFATC2,</p> <p>Protein Size: 486</p>
Molecular Weight:	51 kDa
Gene ID:	1961
NCBI Accession:	<a href="#">NM_001965</a> , <a href="#">NP_001956</a>
UniProt:	<a href="#">Q05215</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 486 AA
Restrictions:	For Research Use only

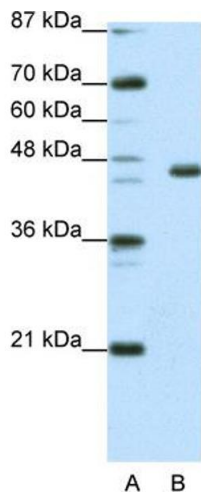
## Handling

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

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.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-EGR4 Antibody Titration:  
0.0625ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat  
cell lysate