

Datasheet for ABIN390744
anti-EGR3 antibody (AA 214-241)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	400 µL
Target:	EGR3
Binding Specificity:	AA 214-241
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGR3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This EGR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 214-241 amino acids from the Central region of human EGR3.
Clone:	RB17955
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EGR3
Alternative Name:	EGR3 (EGR3 Products)

Target Details

Background: EGR3 is a transcriptional regulator that belongs to the EGR family of C2H2-type zinc-finger proteins. This protein participates in the transcriptional regulation of genes in controlling biological rhythm. It may also plays a role in muscle development.

Molecular Weight: 42613

Gene ID: 1960

NCBI Accession: [NP_001186809](#), [NP_001186810](#), [NP_004421](#)

UniProt: [Q06889](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

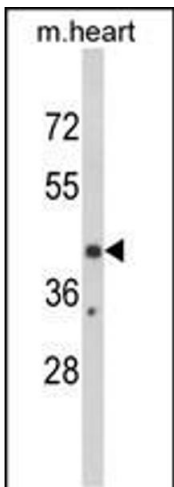
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Lin, Liu, Sun, Yuan, Zhang, Chen: "Establishment and characterization of a tamoxifen-mediated reversible immortalized mouse dental papilla cell line." in: **In vitro cellular & developmental biology. Animal**, Vol. 49, Issue 2, pp. 114-21, (2013) ([PubMed](#)).

Kaushik, Arias, Kwon, Lopez, Athonvarangkul, Sahu, Schwartz, Pessin, Singh: "Loss of autophagy in hypothalamic POMC neurons impairs lipolysis." in: **EMBO reports**, Vol. 13, Issue 3, pp. 258-65, (2012) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of EGR3 Antibody (Center) (ABIN390744 and ABIN2841009) in mouse heart tissue lysates (35 µg/lane). EGR3 (arrow) was detected using the purified Pab.