Datasheet for ABIN6139993

anti-EGR3 antibody (AA 1-250)

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1 Image

Overview

Quantity:	100 µL
Target:	EGR3
Binding Specificity:	AA 1-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGR3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human EGR3 (NP_004421.2).
Sequence:	MTGKLAEKLP VTMSSLLNQL PDNLYPEEIP SALNLFSGSS DSVVHYNQMA TENVMDIGLT NEKPNPELSY SGSFQPAPGN KTVTYLGKFA FDSPSNWCQD NIISLMSAGI LGVPPASGAL STQTSTASMV QPPQGDVEAM YPALPPYSNC GDLYSEPVSF HDPQGNPGLA YSPQDYQSAK PALDSNLFPM IPDYNLYHHP NDMGSIPEHK PFQGMDPIRV NPPPITPLET IKAFKDKQIH PGFGSLPQPP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

Target:	EGR3
Alternative Name:	EGR3 (EGR3 Products)
Background:	This gene encodes a transcriptional regulator that belongs to the EGR family of C2H2-type zinc-finger proteins. It is an immediate-early growth response gene which is induced by mitogenic stimulation. The protein encoded by this gene participates in the transcriptional regulation of genes in controling biological rhythm. It may also play a role in a wide variety of processes including muscle development, lymphocyte development, endothelial cell growth and migration, and neuronal development. Alternative splicing results in multiple transcript variants encoding distinct isoforms.,EGR3,EGR-3,PILOT,Epigenetics & Nuclear Signaling,Transcription Factors,Signal Transduction,Neuroscience,EGR3
Molecular Weight:	38 kDa/42 kDa
Gene ID:	1960
UniProt:	Q06889

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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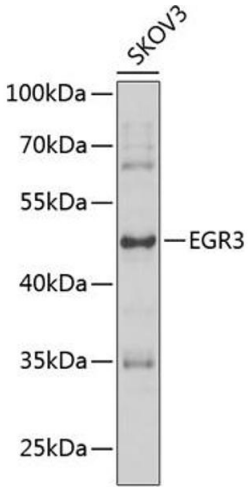

Western Blotting

Image 1. Western blot analysis of extracts of SKOV3 cells, using EGR3 antibody (ABIN6127828, ABIN6139993, ABIN6139994 and ABIN6223592) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 30s.

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