Product Datasheet

EGR1 Antibody

Catalog No: #31068

Package Size: #31068-1 50ul #31068-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	EGR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous level of total EGR1 protein.
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to a region derived from 87-337 amino acids of human early growth response 1early growth response 1
Conjugates	Unconjugated
Target Name	EGR1
Other Names	early growth response 1, TIS8, AT225, G0S30, NGFI-A, ZNF225, KROX-24, ZIF-268
Accession No.	P18146
Concentration	0.1mg/ml
Formulation	Supplied at 0.8mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

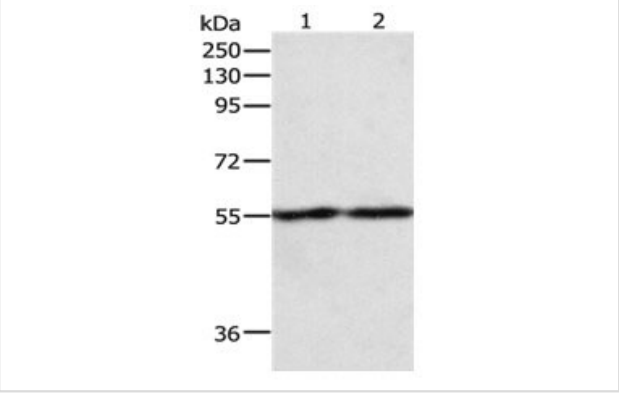
Application Details

Predicted MW: 58kd

ELISA: 1:1000-1:5000

Western blotting: 1:200-1:1000

Images



Gel: 8%SDS-PAGE
Lane1: RAW264.7 cell lysate
Lane2: NIH/3T3 cell lysate
Lysates: 50 ug per lane
Primary antibody: 1/400dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 2 minutes

Background

EGR-1 (Early growth response protein 1) also known as Zif268 (zinc finger protein 225) or NGFI-A (nerve growth factor-induced protein A) is a protein that in humans is encoded by the EGR1 gene. The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentitation and mitogenesis. Studies suggest this is a cancer suppresor gene. Recognizes and binds to the DNA sequence 5'-CGCCCCCGC-3'(EGR-site).

Published Papers

el at., PRIMA-1Met/APR-246 displays high antitumor activity in multiple myeloma by induction of p73 and Noxa. In Mol Cancer Ther on 2013 Nov by Hua Jiang, Yijun Yang, et al..PMID: 24030633, , (2013)

PMID:24030633

Note: This product is for in vitro research use only and is not intended for use in humans or animals.