

EGR1 rabbit monoclonal antibody

Catalog # H00001958-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EGR1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EGR1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human EGR1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — EGR1

Entrez GeneID	1958
GeneBank Accession#	EGR1
Gene Name	EGR1
Gene Alias	AT225, G0S30, KROX-24, NGFI-A, TIS8, ZIF-268, ZNF225
Gene Description	early growth response 1
Omim ID	128990
Gene Ontology	Hyperlink
Gene Summary	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 differentiation and mitogenesis. Studies suggest this is a cancer suppressor gene. [provided by RefSeq]
Other Designations	early growth response protein 1 nerve growth factor-induced protein A transcription factor ETR103 zinc finger protein 225

Pathway

- [Prion diseases](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Myopia](#)
- [Rhinitis](#)
- [Schizophrenia](#)