



EGR1 Rabbit mAb

Catalog No	YP-rAb-17580
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,IP,ELISA
Gene Name	EGR1
Protein Name	Early growth response protein 1
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:1000-1:4000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	Egr-1;Early growth response protein 1;EGR1 ; KROX24 ; ZNF225 ; Early growth response protein 1 ; EGR-1 ; AT225 ; Nerve growth factor-induced protein A ; NGFI-A ; Transcription factor ETR103 ; Transcription factor Zif268 ; Zinc finger protein 225 ; Zinc finger protein Krox-24;EGR1
Observed Band	
Calculated Molecular Weight	57kD
Cell Pathway	Cytoplasm, Nucleus
Tissue Specificity	Detected in neutrophils (at protein level).
Function	Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-CGCCCCCGC-3'(EGR-site). Activates the transcription of target genes whose products are required for mitogenesis and differentiation.,induction:By growth factors.,similarity:Belongs to the EGR C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,
Background	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



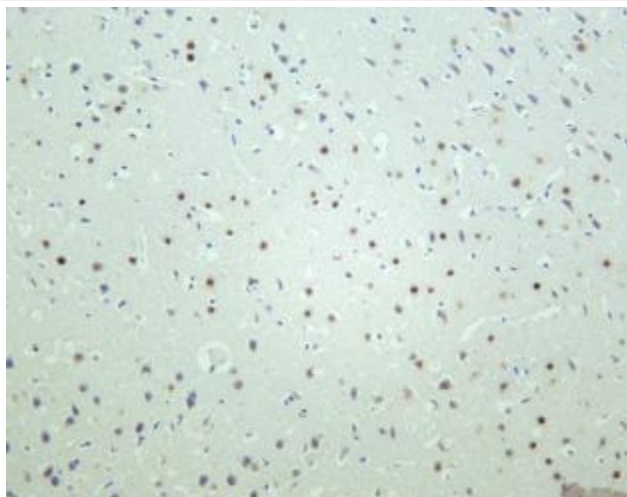
RefSeq, Dec 2014],

matters needing attention

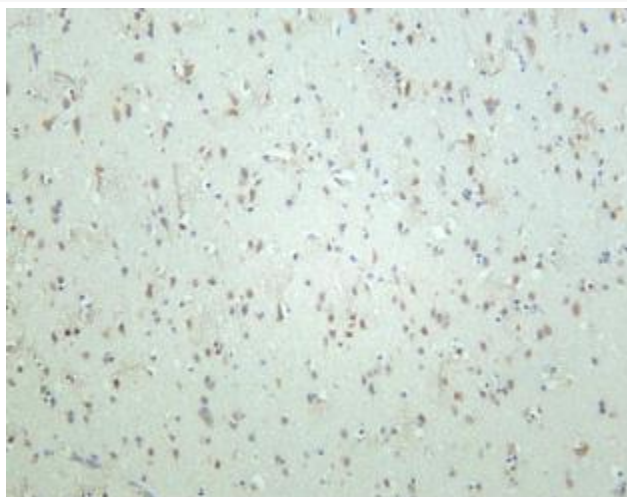
Avoid repeated freezing and thawing!

Usage suggestions

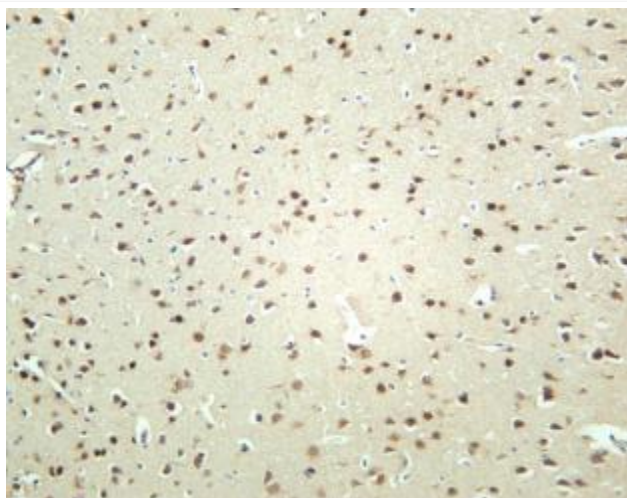
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Rat brain was stained with anti-EGR1 rabbit antibody

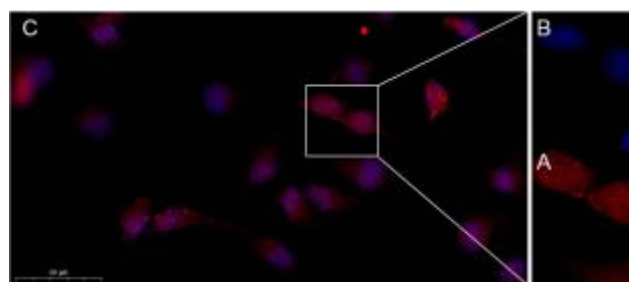


Human brain was stained with anti-EGR1 rabbit antibody



Mouse brain was stained with anti-EGR1 rabbit antibody





Immunofluorescence analysis of HeLa. Picture A: EGR1 Rabbit mAb (red). Picture B: DAPI (blue). Picture C: Merge of A+B

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