Product Name: Egr-3 Rabbit Polyclonal Antibody
Catalog #: APRab10348

Summary

Production Name	Egr-3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	EGR3
Alternative Names	EGR3; PILOT; Early growth response protein 3; EGR-3; Zinc finger protein pilot
Gene ID	1960.0
SwissProt ID	Q06889. The antiserum was produced against synthesized peptide derived from human EGR3. AA range:338-387

Application

Dilution Ratio	IHC-P 1:100-1:300, ELISA 1:10000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	

Background

This gene encodes a transcriptional regulator that belongs to the EGR family of C2H2-type zinc-finger proteins. It is an

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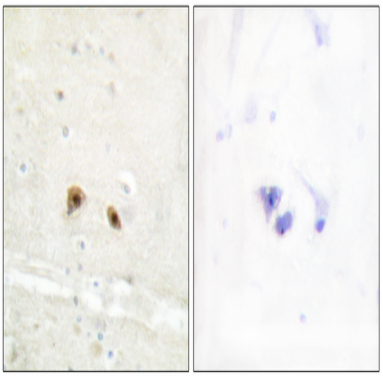
immediate-early growth response gene which is induced by mitogenic stimulation. The protein encoded by this gene participates in the transcriptional regulation of genes in controling biological rhythm. It may also play a role in a wide variety of processes including muscle development, lymphocyte development, endothelial cell growth and migration, and neuronal development. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Dec 2010],developmental stage:In T-cells, expressed 20 minutes following activation.,function:Probable transcription factor involved in muscle spindle development.,similarity:Belongs to the EGR C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using EGR3 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.