

EGR3 Rabbit pAb

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Catalog # AP58447

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q06889
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42613
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EGR3
Epitope Specificity	201-300/387
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	EGR3 is a member of the early growth response transcription factor family of C2H2 zinc finger proteins (other members EGR1, EGR2 and EGR4). EGR proteins are immediate early proteins, expression of which is swiftly upregulated in response to a wide range of extracellular stimuli. EGR3 is also thought to be involved in development of muscle spindles, and is upregulated in several regions of the brain in response to stress or injury.

Additional Information

Gene ID	1960
Other Names	Early growth response protein 3, EGR-3, Zinc finger protein pilot, EGR3, PILOT
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

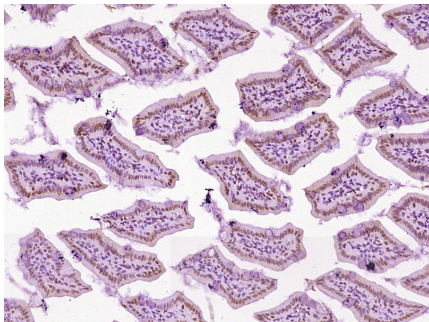
Name	EGR3
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Synonyms	PILOT
Function	Probable transcription factor involved in muscle spindle development.
Cellular Location	Nucleus.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (EGR3) Polyclonal Antibody, Unconjugated (AP58447) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.