



Rabbit Anti-EGR3 antibody

SL6448R

Product Name:	EGR3
Chinese Name:	早期生长反应蛋白3抗体
Alias:	early growth response 3; early growth response gene 3; early growth response protein 3; early growth responsive 3; EGR-3; MGC138484; pilot; zinc finger protein pilot; EGR3 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	43kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human EGR3:201-300/387
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Function:

Probable transcription factor involved in muscle spindle development.

Subcellular Location:

Nuclear.

Similarity:

Belongs to the EGR C2H2-type zinc-finger protein family.
Contains 3 C2H2-type zinc fingers.

SWISS:

Q06889

Gene ID:

1960

Database links:

[Entrez Gene: 1960](#)Human

[Entrez Gene: 13655](#)Mouse

[Entrez Gene: 25148](#)Rat

[Olim: 602419](#)Human

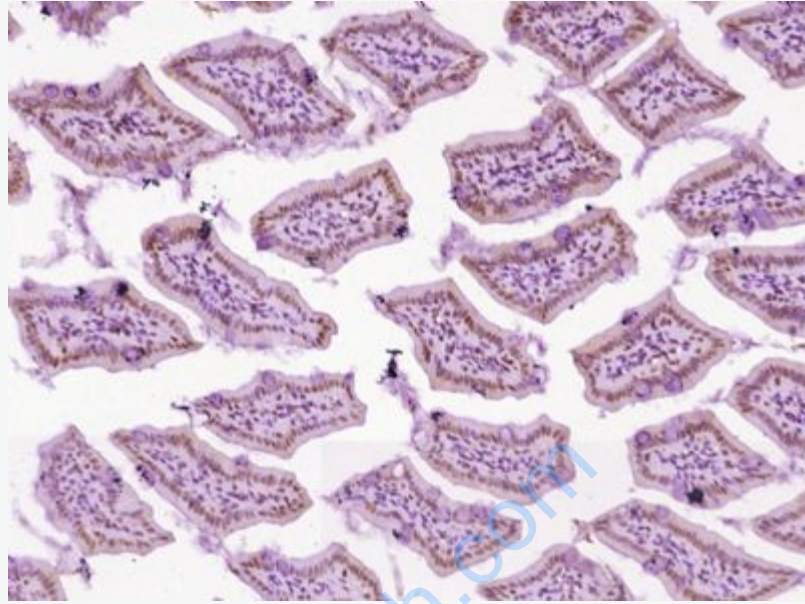
[SwissProt: Q06889](#)Human

[SwissProt: P43300](#)Mouse

[SwissProt: P43301](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

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 (SL6448R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.