SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-EGR3 antibody

Catalog Number: SL6448R

FOR RESEARCH USE ONLY

[DATASHEET]

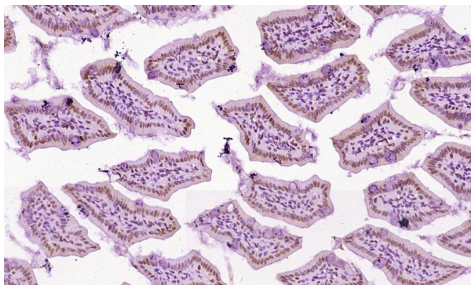
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	EGR3
Immunogen:	KLH conjugated synthetic peptide derived from human EGR3: 201-300/387
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse)
Predicted MW.:	43kDa
Subcellular Location:	The nucleus
Background:	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. **Database links:** **Entrez Gene:** 1960 Human

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

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	Entrez Gene: 13655 Mouse **Entrez Gene:** 25148 Rat Omim: 602419 Human **SwissProt:** Q06889 Human **SwissProt:** P43300 Mouse **SwissProt:** P43301 Rat

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

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