SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Motilin antibody

Catalog Number: SL1445R

FOR RESEARCH USE ONLY

[DATASHEET]

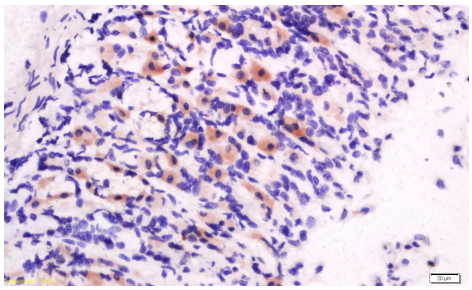
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Motilin
Immunogen:	KLH conjugated synthetic peptide derived from human MLN: 51-115/115
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store 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:	Rat(predicted:Human,Dog,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	10.3kDa
Subcellular Location:	Secretory protein
Background:	The protein encoded by this gene is a member of a family that includes putative ATP-binding proteins involved in vesicle transport and fusion, 26S proteasome function, and assembly of peroxisomes. This protein, as a structural protein, is associated with clathrin, and heat-shock protein Hsc70, to form a complex. It has been implicated in a number of cellular events that are regulated during mitosis, including homotypic membrane fusion, spindle pole body function, and ubiquitin-dependent protein degradation. [provided by RefSeq, Jul 2008] **Function:** Plays an important role in the regulation of interdigestive gastrointestinal motility and indirectly causes rhythmic contraction of duodenal and colonic smooth muscle. **Subcellular Location:** Secreted. **Similarity:** Belongs to the motilin family.

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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	Database links: **Entrez Gene:** 4295 Human Omim: 158270 Human **SwissProt:** P12872 Human **SwissProt:** P01307 Pig **SwissProt:** P27114 Rabbit **SwissProt:** O18845 Sheep **Unigene:** 2813 Human Motilin is a brain-gut peptide that excites gastrointestinal smooth muscle contraction， mainly expressed in the gastrointestinal tract。

[VALIDATION IMAGES]



Tissue/cell: Rat stomach tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-Motilin Polyclonal Antibody, Unconjugated(SL1445R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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