

bs-1445R**[Primary Antibody]****BioSS**
ANTIBODIES

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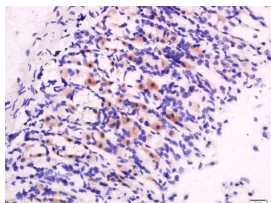
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Motilin Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 4295	SWISS: P12872	IF (1:100-500)
Target: Motilin		Reactivity: Rat (predicted: Human, Rabbit, Sheep, Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human MLN: 51-115/115.		
Purification: affinity purified by Protein A		Predicted MW.: 10.3 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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]		

VALIDATION IMAGES

Tissue/cell: Rat stomach tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, 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°C for 20 min; Incubation: Anti-Motilin Polyclonal Antibody, Unconjugated(bs-1445R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=15.1]** Jiao Ma. et al. Facile fabrication of liquid metal enabled conductive zwitterionic hydrogel for robust electrochemical sensing in complex serum. CHEM ENG J. 2024 Jul;492:152433 Other ;. 10.1016/j.cej.2024.152433
- **[IF=10.257]** Jiao Ma. et al. A robust composite hydrogel consisting of polypyrrole and β -cyclodextrin-based supramolecular complex for the label-free amperometric immunodetection of motilin with well-defined dual signal response and high sensitivity. Biosens Bioelectron. 2021 Feb;173:112810 Other ;. 33212402
- **[IF=1.52]** Liang Q et al. Evaluation of a modified rat model for functional dyspepsia. Saudi J Gastroenterol. 2018 Jul-

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

Aug;24(4):228-235. IHC ;Rat. 29652029