SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
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[Primary Antibody]

Rabbit Anti-Kinesin 5B antibody

Catalog Number: SL2385R

FOR RESEARCH USE ONLY

[DATASHEET]

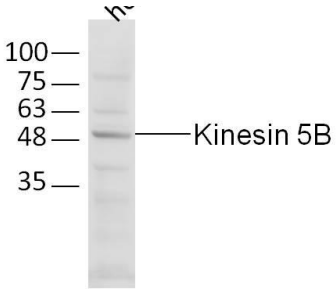
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Kinesin 5B
Immunogen:	KLH conjugated synthetic peptide derived from human KLF5: 61-160/457
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 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,Rat(predicted:Human,Dog,Pig,Cow,Horse,Sheep)
Predicted MW.:	50kDa
Subcellular Location:	The nucleus
Background:	This gene encodes a member of the Kruppel-like factor subfamily of zinc finger proteins. Since the protein localizes to the nucleus and binds the epidermal growth factor response element, it is thought to be a transcription factor. [provided by RefSeq, Jul 2008] **Function:** Transcription factor that binds to GC box promoter elements. Activates the transcription of these genes. **Subunit:** Interacts with WWP1. **Subcellular Location:** Nucleus. **Tissue Specificity:** Expressed only in testis and placenta. **Post-translational modifications:** Ubiquitinated. Polyubiquitination involves WWP1 and leads to proteasomal degradation of this protein. **Similarity:** Belongs to the krueppel C2H2-type zinc-finger protein family.

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

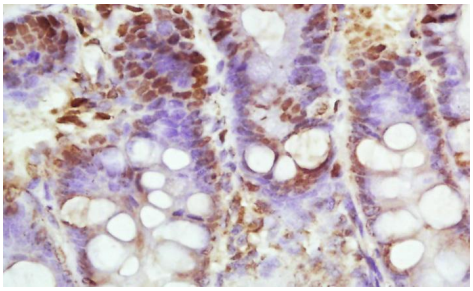
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	Contains 3 C2H2-type zinc fingers. **Database links:** **Entrez Gene:** 535702 Cow **Entrez Gene:** 688 Human **Entrez Gene:** 12224 Mouse **Entrez Gene:** 100038005 Pig **Entrez Gene:** 84410 Rat Omim: 602903 Human **SwissProt:** Q13887 Human **SwissProt:** Q9Z0Z7 Mouse **Unigene:** 508234 Human **Unigene:** 30262 Mouse **Unigene:** 8954 Rat

[VALIDATION IMAGES]



Sample:
heart (Mouse) Lysate at 40 ug
Primary: Anti-Kinesin 5B (Bs-2385R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50 kD
Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (Kinesin 5B) Polyclonal Antibody, Unconjugated (SL2385R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.

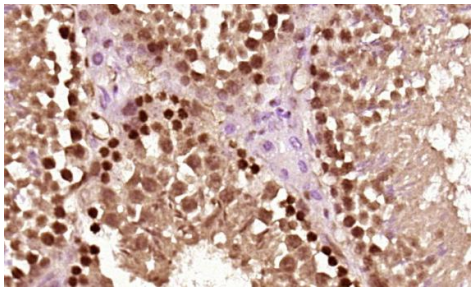
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