SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C3orf32 antibody

Catalog Number: SL15174R

FOR RESEARCH USE ONLY

[DATASHEET]

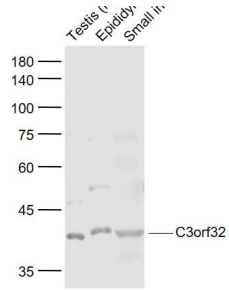
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C3orf32
Immunogen:	KLH conjugated synthetic peptide derived from human C3orf32: 51-150/353
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. 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,Sheep)
Predicted MW.:	40kDa
Subcellular Location:	cytoplasmic
Background:	C3orf32 (chromosome 3 open reading frame 32), also known as fls485, is a 353 amino acid protein encoded by a gene that maps to human chromosome 3p26.1. Chromosome 3 is made up of approximately 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3.

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

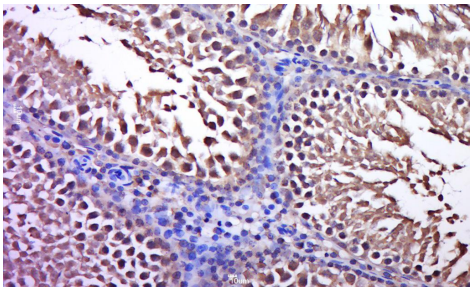
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	Subcellular Location: Cytoplasm. **Tissue Specificity:** Expressed in enterocytes of small and large intestinal mucosa (at protein level). Expressed in enterocytes, chromaffine and interstitial cells. **Database links:** **Entrez Gene:** 51066 Human **SwissProt:** Q9Y2M2 Human **Unigene:** 561182 Human **Unigene:** 740735 Human

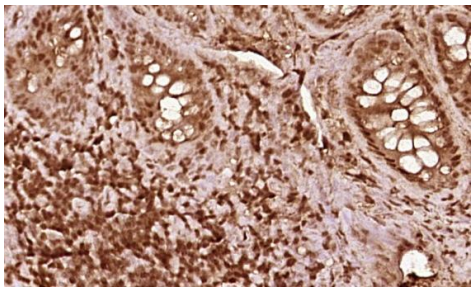
[VALIDATION IMAGES]



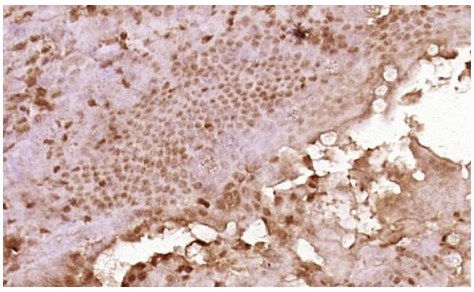
Sample:
Lane 1: Testis (Mouse) Lysate at 40 ug
Lane 2: Epididymis (Rat) Lysate at 40 ug
Lane 3: Small intestine (Rat) Lysate at 40 ug
Primary: Anti- C3orf32 (SL15174R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 40 kD
Observed band size: 40 kD



Paraformaldehyde-fixed, paraffin embedded (Rat testis); 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 (chromosome 3 open reading frame 32; C3orf32) Polyclonal Antibody, Unconjugated (SL15174R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse colon); 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 (C3orf32) Polyclonal Antibody, Unconjugated (SL15174R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat small 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 (C3orf32) Polyclonal Antibody, Unconjugated (SL15174R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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