SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FIBIN antibody

Catalog Number: SL16085R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FIBIN
Immunogen:	KLH conjugated synthetic peptide derived from human FIBIN: 101-200/211
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 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	22kDa
Subcellular Location:	cytoplasmic
Background:	FIBIN (Fin bud initiation factor homolog) is a 211 amino acid protein involved in fin initiation in zebrafish. The human homolog is encoded by a gene that maps to chromosome 11, which makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and β thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11. **Subcellular Location:** Secreted. Golgi apparatus. **Similarity:** Belongs to the FIBIN family. **Database links:**

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: 387758 Human **Entrez Gene:** 451086 Chimpanzee **Entrez Gene:** 507975 Cow **Entrez Gene:** 100057578 Horse **Entrez Gene:** 67606 Mouse **Entrez Gene:** 499856 Rat **Entrez Gene:** 699699 Rhesus monkey **SwissProt:** Q5E9H1 Cow **SwissProt:** A4UZ23 Horse **SwissProt:** Q8TAL6 Human **SwissProt:** Q9CQS3 Mouse **SwissProt:** Q5U2T4 Rat **Unigene:** 712718 Human **Unigene:** 291809 Mouse **Unigene:** 43451 Rat

[VALIDATION IMAGES]

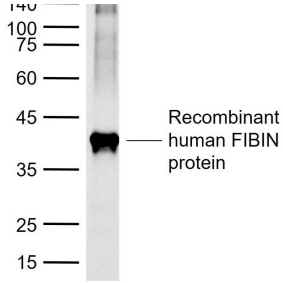


Figure 1. Sample: Lane 1: Recombinant human FIBIN protein, N-Trx-His(SL42187P) Primary: Anti-FIBIN (SL16085R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kDa Observed band size: 40 kDa

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