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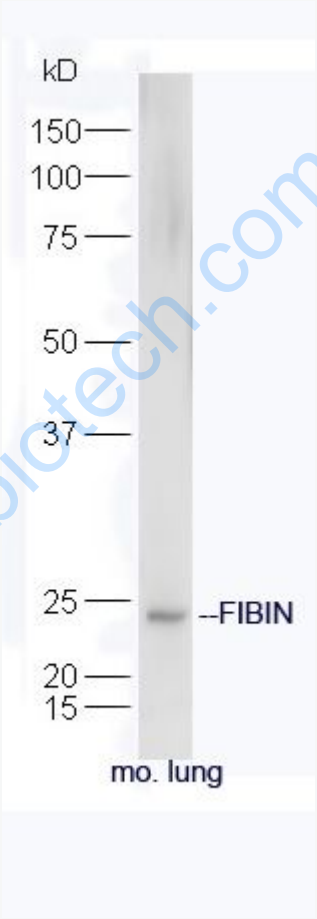
Rabbit Anti-FIBIN antibody

SL16085R

Product Name:	FIBIN
Chinese Name:	FIBIN蛋白抗体
Alias:	Fibin; FIBIN_HUMAN; Fin bud initiation factor homolog (zebrafish); Fin bud initiation factor homolog; MGC24932; PSEC0235.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	22kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FIBIN:101-200/211
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. **SWISS:** Q8TAL6 **Gene ID:** 387758 **Database links:** 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 **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Protein: lung(mouse) lysate at 40ug; Primary: rabbit Anti-FIBIN (SL16085R) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL16085R) at 1: 5000; Predicted band size: 22 kD Observed band size: 24 kD