

FIBIN Rabbit pAb

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Catalog # AP56114

Product Information

Application	WB
Primary Accession	Q8TAL6
Reactivity	Human
Predicted	Rat, Pig, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24273
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FIBIN
Epitope Specificity	101-200/211
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted. Golgi apparatus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	387758
Other Names	Fin bud initiation factor homolog, FIBIN
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

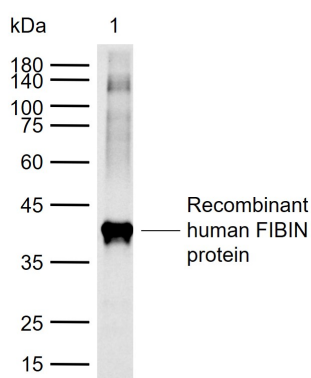
Name FIBIN

Cellular Location Secreted. Golgi apparatus. Endoplasmic reticulum

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Images



Sample:

Lane 1: Recombinant human FIBIN protein,
N-Trx-His(AP56114)

Primary: Anti-FIBIN (AP56114) 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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