

FYTTD1 Rabbit pAb

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Catalog # AP55103

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q96QD9
Reactivity	Rat, Human
Predicted	Pig, Dog, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35818
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FYTTD1
Epitope Specificity	210-318/318
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	Nucleus; nucleoplasm. Nucleus speckle.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FYTTD1 is a 318 amino acid protein belonging to the UIF family. FYTTD1 localizes to nucleus and is required for mRNA export from nucleus to cytoplasm. Functioning as an adaptor, FYTTD1 utilizes the BAT1/DDX39-TAP pathway, which is essential for efficient mRNA export and nuclear pore delivery. FYTTD1 interacts with SSRP1, a protein that is necessary for its recruitment of mRNAs, in addition to a mutually exclusive interaction with BAT1/DDX39 and TAP. FYTTD1 exists as four alternatively spliced isoforms and is encoded by a gene located on human chromosome 3q29.

Additional Information

Gene ID	84248
Other Names	UAP56-interacting factor, Forty-two-three domain-containing protein 1, Protein 40-2-3, FYTTD1, UIF
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

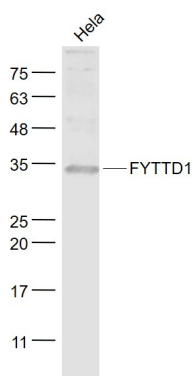
Protein Information

Name	FYTTD1
Synonyms	UIF
Function	Required for mRNA export from the nucleus to the cytoplasm. Acts as an adapter that uses the DDX39B/UAP56-NFX1 pathway to ensure efficient mRNA export and delivering to the nuclear pore. Associates with spliced and unspliced mRNAs simultaneously with ALYREF/THOC4.
Cellular Location	Nucleus, nucleoplasm. Nucleus speckle
Tissue Location	Expressed in a wide variety of cancer types.

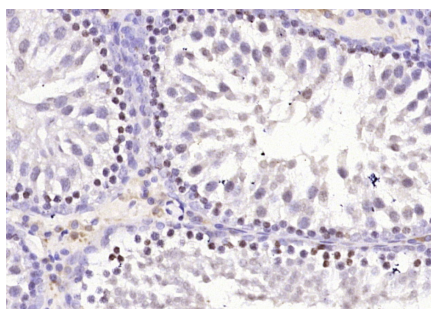
Background

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Images



Sample:
Hela(Human) Cell Lysate at 30 ug
Primary: Anti- FYTTD1 (AP55103) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 36 kD
Observed band size: 34 kD



Paraformaldehyde-fixed, paraffin embedded (rat testis tissue); 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 (FYTTD1) Polyclonal Antibody, Unconjugated (AP55103) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.