

bs-13238R**[Primary Antibody]****FYTTD1 Rabbit pAb****BioSS**
ANTIBODIES

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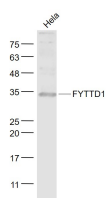
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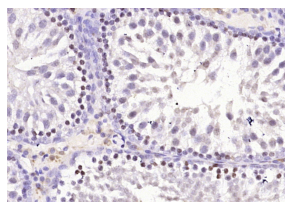
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 84248	SWISS: Q96QD9	IHC-F (1:100-500)
Target: FYTTD1		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human FYTTD1: 210-318/318.		Reactivity: Human, Rat (predicted: Mouse, Pig, Dog)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 36 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Nucleus
Background: 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.		

— VALIDATION IMAGES —

Sample: HeLa(Human) Cell Lysate at 30 ug
 Primary: Anti- FYTTD1 (bs-13238R) 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 (bs-13238R) at 1:400 overnight at
 4°C, followed by operating according to SP
 Kit(Rabbit) (sp-0023) instructions and DAB
 staining.