

Product datasheet for TA342977

WIBG (PYM1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Mouse

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-Wibg antibody is: synthetic peptide directed towards the middle

region of Mouse Wibg. Synthetic peptide located within the following region:

GLSKTAKRNLKRKEKRRQQQEKEAEALSRTLDKVSLGDTAQIPSALQGPQ

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 22 kDa

Gene Name: PYM homolog 1, exon junction complex associated factor

Database Link: NP 115721

Entrez Gene 78428 Mouse

Q9BRP8



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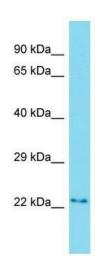
Background:

Wibg is a key regulator of the exon junction complex (EJC), a multiprotein complex that associates immediately upstream of the exon-exon junction on mRNAs and serves as a positional landmarks for the intron exon structure of genes and directs post-transcriptional processes in the cytoplasm such as mRNA export, nonsense-mediated mRNA decay (NMD) or translation. It acts as a EJC disassembly factor, allowing translation-dependent EJC removal and recycling by disrupting mature EJC from spliced mRNAs. Its association with the 40S ribosomal subunit probably prevents a translation-independent disassembly of the EJC from spliced mRNAs, by restricting its activity to mRNAs that have been translated. Wibg interferes with NMD and enhances translation of spliced mRNAs, probably by antagonizing EJC functions.

Synonyms: PYM; WIBG

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 93%; Zebrafish: 91%; Yeast: 82%

Product images:



Host: Rabbit; Target Name: Wibg; Sample Tissue: Mouse Thymus lysates; Antibody Dilution: 1.0 ug/ml