

Wibg Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14527

Product Information

Application	WB
Primary Accession	Q8CHP5
Other Accession	NM_001170869 , NP_001164340
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22690

Additional Information

Gene ID	78428
Alias Symbol	A030010B05Rik, Pym
Other Names	Partner of Y14 and mago, Protein wibg homolog, Wibg, Pym
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Wibg antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Wibg Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Pym1 {ECO:0000312 MGI:MGI:1925678}
Synonyms	Pym, Wibg
Function	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 landmark 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. Acts as an 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. Interferes with NMD and enhances translation of spliced mRNAs, probably by antagonizing EJC functions (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q9BRP8}. Nucleus, nucleolus {ECO:0000250|UniProtKB:Q9BRP8}. Nucleus, nucleoplasm {ECO:0000250|UniProtKB:Q9BRP8}. Note=Shuttles between the nucleus and the cytoplasm. Nuclear export is mediated by XPO1/CRM1 {ECO:0000250|UniProtKB:Q9BRP8}

Images



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

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