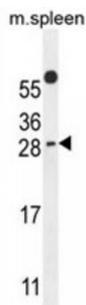
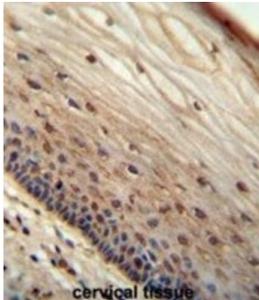


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## **PYM Homolog 1 Exon Junction Complex-Associated Factor (WIBG) Antibody**

Catalogue No.: abx025863



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 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. Interferes with NMD and enhances translation of spliced mRNAs, probably by antagonizing EJC functions. May bind RNA; the relevance of RNA-binding remains unclear in vivo, RNA-binding was detected by PubMed:14968132, while PubMed:19410547 did not detect RNA-binding activity independently of the EJC.

<b>Target:</b>	WIBG
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Tested Applications:</b>	WB, IHC

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Human WIBG.

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<b>Purification:</b>	Peptide Affinity Purified Rabbit Polyclonal Antibody.
<b>Isotype:</b>	IgG
<b>Conjugation:</b>	Unconjugated
<b>Specificity:</b>	This WIBG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human WIBG.
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Swiss Prot:</b>	<a href="#"><u>Q9BRP8</u></a>
<b>Gene Symbol:</b>	WIBG
<b>Buffer:</b>	PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Note:</b>	This product is for research use only.