

Rabbit WIBG Polyclonal Antibody | anti-WIBG antibody

WIBG Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288119	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Western Blot, Immunohistochemistry, ELISA

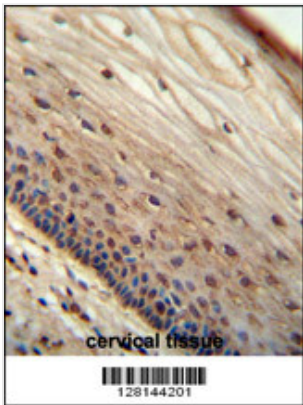
PRODUCT SYNONYMS

WIBG; Polyclonal Antibody; WIBG Antibody (N-term); Partner of Y14 and mago; Protein wibg homolog; PYM; anti-WIBG antibody

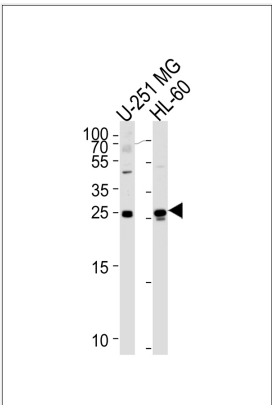
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	12-40
Sequence Length	203
Applicable Applications for anti-WIBG antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
WIBG antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human cervical tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the WIBG antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysates from U-251 MG, HL-60 cell line (from left to right), using WIBG Antibody (N-term). AAA288119 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-WIBG antibody	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. 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.
References	Gehring, N.H., et al. Cell 137(3):536-548(2009) Diem, M.D., et al. Nat. Struct. Mol. Biol. 14(12):1173-1179(2007) Forler, D., et al. Nat. Biotechnol. 21(1):89-92(2003) Gatfield, D., et al. J. Cell Biol. 159(4):579-588(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	219803946
NCBI GeneID	84305
NCBI Accession #	NP_001137325.1; NP_115721.1
NCBI GenBank Nucleotide #	NM_001143853.1
UniProt Accession #	Q9BRP8; Q8IXJ8; Q8N8E7; B6ZDM5
Molecular Weight	22656
NCBI Official Full Name	partner of Y14 and mago isoform 2
NCBI Official Synonym Full Names	within bgcn homolog (Drosophila)
NCBI Official Symbol	WIBG
NCBI Official Synonym Symbols	PYM
NCBI Protein Information	partner of Y14 and mago
UniProt Protein Name	Partner of Y14 and mago
UniProt Gene Name	WIBG

UniProt Synonym Gene Names	PYM
UniProt Entry Name	WIBG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/wibg-antibody-western-blot-immunohistochemistry-elisa/288119>