# Rabbit anti-Human WIBG Polyclonal Antibody | anti-PYM1 antibody

Anti-WIBG Antibody, Rabbit Polyclonal

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA256657** | **Rabbit** | **Human** | **Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

WIBG; Polyclonal Antibody; Anti-WIBG Antibody; Rabbit Polyclonal; WIBG Antibody; Rabbit PAb; Antigen Affinity Purified; within bgcn homolog (Drosophila); Anti-PYM Antibody; anti-PYM1 antibody

## PRODUCT SPECIFICATIONS

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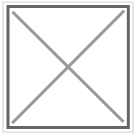
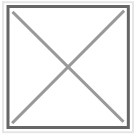
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Specificity** | Human WIBG |
| **Purity/Purification** | Protein A & Antigen Affinity |
| **Form/Format** | Liquid; PBS, pH7.0 with 0.03% Proclin300 |
| **Applicable Applications for anti-PYM1 antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | E Coli-derived Human WIBG fragment |
| **Conjugation** | Unconjugated |
| **Preparation** | Produced in rabbits immunized with E Coli-derived Human WIBG fragment, and purified by antigen affinity chromatography. |
| **Preparation and Storage** | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. |

## IMAGES



**IHC (Immunohiostchemistry)**
Immunochemical staining of human WIBG in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



**WB (Western Blot)**
Anti-WIBG rabbit polyclonal antibody at 1:500 dilutionLane A: MCF7 Whole Cell LysateLane B: HepG2 Whole Cell LysateLane C: SHSY5Y Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:23 kDaObserved band size:26 kDa

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-PYM1 antibody** | PYM1 (PYM Homolog 1, Exon Junction Complex Associated Factor, also known as WIBG) is a Protein Coding gene. The PYM1 gene, located on 12q13.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. PYM1 is a key regulator of the exon junction complex (EJC), a multiprotein complex that associates immediately upstream of the exon-exon junction on mRNAs. PYM1 is widely expressed in the esophagus, colon, and other tissues. Diseases associated with PYM1 include Mucocele Of Salivary Gland and Tongue Disease. Among its related pathways are mRNA surveillance pathway and RNA transport. 187 organisms have orthologs with the human gene PYM1. |
| **References** | Ramage HR, et al. (2015) A combined proteomics/genomics approach links hepatitis c virus infection with nonsense-mediated mrna decay. Mol Cell 57 (2): 329-340.Diem MD, et al. (2007) Pym binds the cytoplasmic exon-junction complex and ribosomes to enhance translation of spliced mrnas. Nat Struct Mol Biol 14 (12): 1173-1179.Boyne JR, et al. (2010) Kaposi's sarcoma-associated herpesvirus orf57 protein interacts with pym to enhance translation of viral intronless mrnas. Embo j 29 (11): 1851-1864. |

**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://stage.aaabiotech.com/polyclonal/wibg-antibody-immunohistochemistry-western-blot-elisa/256657