

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

Anti-WIBG Antibody, Rabbit Polyclonal

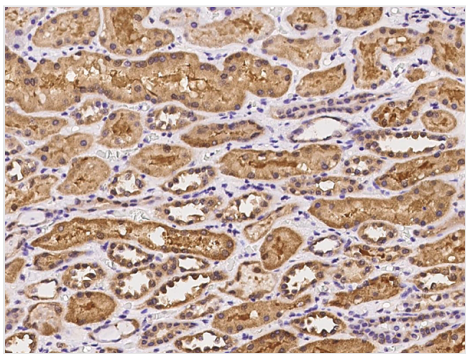
CATALOG # AAA256657	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

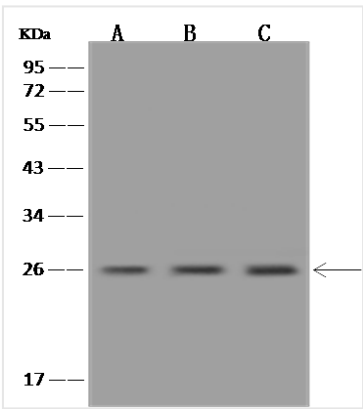
WIBG; Polyclonal Antibody; Anti-WIBG Antibody; Rabbit Polyclonal; WIBG Antibody; Rabbit PAb; Antigen Affinity Purified; within bgcn homolog (Drosophila); Anti-PYM Antibody; anti-PYM1 antibody

PRODUCT SPECIFICATIONS

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.



IHC (Immunohistochemistry)
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 dilution
Lane A: MCF7 Whole Cell Lysate
Lane B: HepG2 Whole Cell Lysate
Lane C: SHSY5Y Whole Cell Lysate
Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 23 kDa
Observed band size: 26 kDa

ADDITIONAL INFORMATION

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 Mucocoele 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.