

For Research Use Only

# WIBG Polyclonal antibody

Catalog Number: 14658-1-AP



## Basic Information

<b>Catalog Number:</b> 14658-1-AP	<b>GenBank Accession Number:</b> BC006135	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84305	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF 1:200-1:800
<b>Source:</b> Rabbit	<b>Full Name:</b> within bgcn homolog (Drosophila)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 23 kDa	
<b>Immunogen Catalog Number:</b> AG6276		

## Applications

<b>Tested Applications:</b> IF, IHC, ELISA	<b>Positive Controls:</b> IHC : mouse colon tissue, IF : U2OS cells,
<b>Species Specificity:</b> human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

PYM is a cytoplasmic RNA-binding protein, which has been identified as an interacting partner of Mago-Y14. PYM interacts directly with Mago-Y14 by means of its N-terminal domain. Mago and Y14 are core components of the exon junction complex (EJC).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

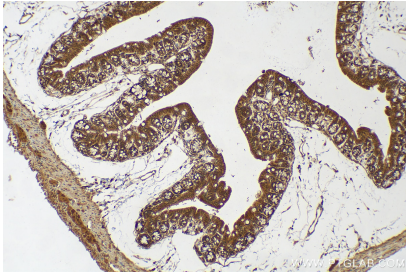
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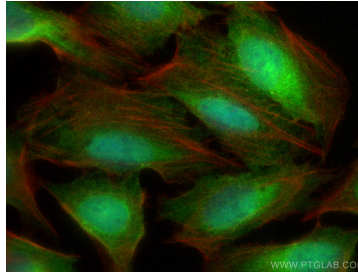
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 14658-1-AP (WIBG antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using WIBG antibody (14658-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).