

WIBG Polyclonal antibody

Catalog Number: 14658-1-AP

Basic Information

Catalog Number: 14658-1-AP	GenBank Accession Number: BC006135	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 84305	Recommended Dilutions: IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9BRP8	
Isotype: IgG	Full Name: within bgcn homolog (Drosophila)	
Immunogen Catalog Number: AG6276	Calculated MW: 23 kDa	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls: IHC : mouse colon tissue, IF/ICC : U2OS cells,
Species Specificity: human, mouse, rat	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

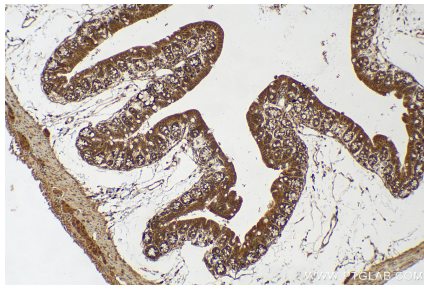
Background Information

Protein WIBG homolog, also known as PYM1 (Partner of Y14 and mago), is a cytoplasmic RNA-binding protein, that can interact with the ribosome and EJC, may act as an EJC destabilizing factor, preventing EJC accumulation at positions away from exon-exon junctions (non-canonical position).

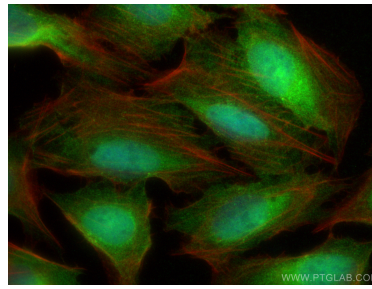
Storage

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

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).