

For Research Use Only

Beta Arrestin 2 Monoclonal antibody, PBS Only

Catalog Number: 68502-1-PBS



Basic Information

| | | |
|--------------------------------------|---------------------------------------|--|
| Catalog Number: 68502-1-PBS | GenBank Accession Number: BC007427 | Purification Method: Protein G purification |
| Size: 1mg/ml | GeneID (NCBI): 409 | CloneNo.: 1E8F2 |
| Source: Mouse | UNIPROT ID: P32121 | |
| Isotype: IgG1 | Full Name: arrestin, beta 2 | |
| Immunogen Catalog Number: AG29807 | Calculated MW: 46 kDa | |
| | Observed MW: 50 kDa | |

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Beta Arrestin 2 is a member of arrestin/beta-arrestin protein family, which are expressed at high levels in the central nervous system (CNS) and play a critical role in the regulation of G-protein coupled receptors (GPCRs) including MOR. Beta Arrestin 2 is an adaptor protein that is important for the regulation of receptors belonging to both dopaminergic and opioid systems. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors.

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

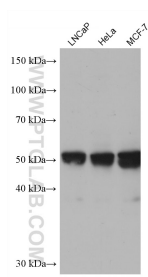
T: 4006900926

E: Proteintech-CN@ptglab.com

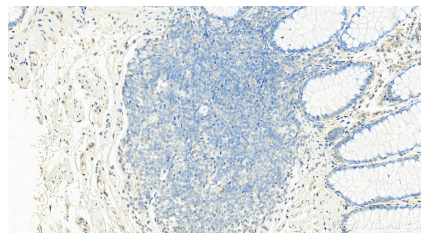
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

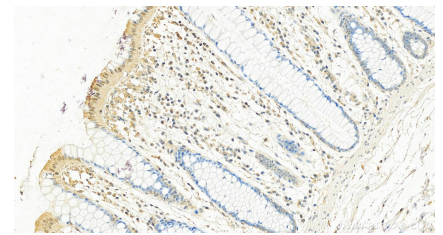
Selected Validation Data



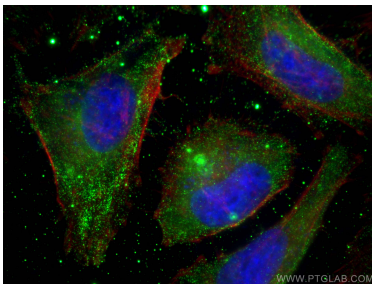
Various lysates were subjected to SDS PAGE followed by western blot with 68502-1-Ig (Beta Arrestin 2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68502-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 68502-1-Ig (Beta Arrestin 2 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68502-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 68502-1-Ig (Beta Arrestin 2 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68502-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Beta Arrestin 2 antibody (68502-1-Ig, Clone: 1E8F2) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002), CL594-phalloidin (red). This data was developed using the same antibody clone with 68502-1-PBS in a different storage buffer formulation.