

For Research Use Only

Beta Arrestin 1 Monoclonal antibody, PBS Only

Catalog Number: 67580-1-PBS

Featured Product



Basic Information

Catalog Number:

67580-1-PBS

Size:

100ug, Concentration: 1mg/ml by
Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG7504

GenBank Accession Number:

BC003636

GeneID (NCBI):

408

UNIPROT ID:

P49407

Full Name:

arrestin, beta 1

Calculated MW:

47 kDa

Observed MW:

45-55 kDa

Purification Method:

Protein A purification

CloneNo.:

1H8E4

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

β -Arrestins (ARRBs), the best known regulators of G protein-coupled receptor signaling, are versatile and multifunctional adapter proteins that regulate diverse cellular functions, including cell growth, apoptosis and immune responses. Overexpression of beta Arrestin 1 has been found in various cancers, indicating it as a potential therapeutic target for cancer treatment. Recently expression of ARRB1 in saliva has been identified as a candidate circadian biomarker. ARRB1 migrated as a doublet of two bands of 45 and 55 kDa (PMID:28947386).

Storage

Storage:

Store at -80°C .

Storage Buffer:

PBS Only

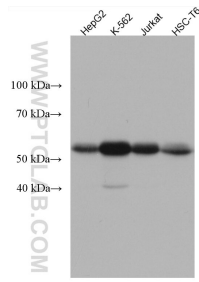
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

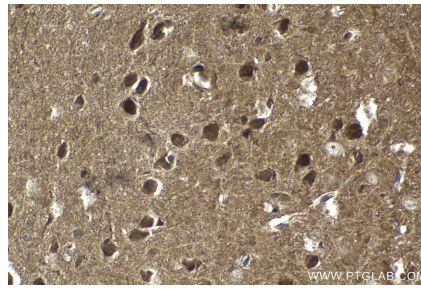
E: proteintech@ptglab.com
W: ptglab.com

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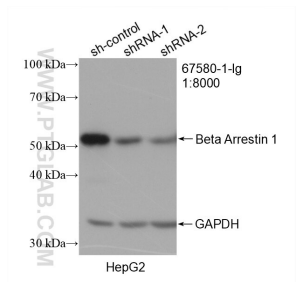
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67580-1-Ig (Arrestin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67580-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67580-1-Ig (Beta Arrestin 1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67580-1-PBS in a different storage buffer formulation.



WB result of Beta Arrestin 1 antibody (67580-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Beta Arrestin 1 transfected HepG2 cells. This data was developed using the same antibody clone with 67580-1-PBS in a different storage buffer formulation.