

For Research Use Only

Beta Arrestin 2 Recombinant antibody

Catalog Number: 82780-6-RR



Basic Information

Catalog Number:

82780-6-RR

Size:

100ul, Concentration: 1000 ug/ml by 409

Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0227

GenBank Accession Number:

BC007427

GeneID (NCBI):

409

UNIPROT ID:

P32121

Full Name:

arrestin, beta 2

Calculated MW:

46 kDa

Observed MW:

47-50 kDa

Purification Method:

Protein A purification

CloneNo.:

241470F8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : RAW 264.7 cells, mouse brain tissue, rat brain tissue

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 -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

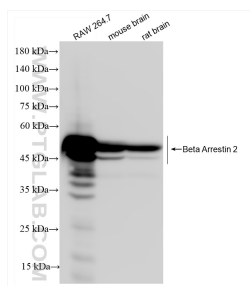
For technical support and original validation data for this product please contact:

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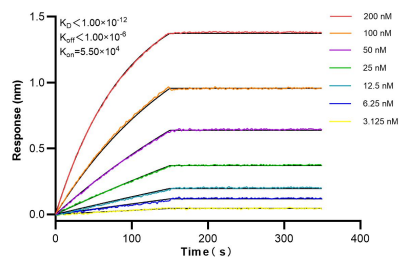
E: proteintech@ptglab.com
W: ptglab.com

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 82780-6-RR (Beta Arrestin 2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 82780-6-RR against Human Beta Arrestin 2 were performed. The affinity constant is below 1 pM.