

For Research Use Only

# Beta Arrestin 2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82780-6-PBS



## Basic Information

<b>Catalog Number:</b> 82780-6-PBS	<b>GenBank Accession Number:</b> BC007427	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 409	<b>CloneNo.:</b> 241470F8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P32121	
<b>Isotype:</b> IgG	<b>Full Name:</b> arrestin, beta 2	
<b>Immunogen Catalog Number:</b> AG0227	<b>Calculated MW:</b> 46 kDa	
	<b>Observed MW:</b> 47-50 kDa	

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## 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:

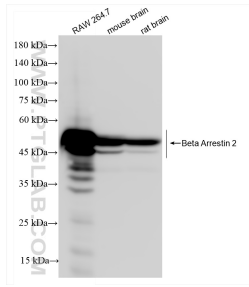
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

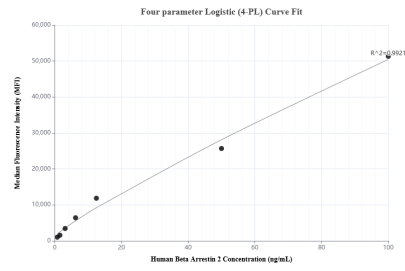
W: [ptgcn.com](http://ptgcn.com)

**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 82780-6-RR (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 82780-6-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01125-3, Beta Arrestin 2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82780-5-PBS. Detection antibody: 82780-6-PBS. Standard: Ag0227. Range: 0.781-100 ng/mL.