

For Research Use Only

# Beta Arrestin 2 Recombinant antibody

Catalog Number:82780-6-RR



## Basic Information

<b>Catalog Number:</b> 82780-6-RR	<b>GenBank Accession Number:</b> BC007427	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 409	<b>CloneNo.:</b> 241470F8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P32121	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<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

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : RAW 264.7 cells, mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> 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 -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

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

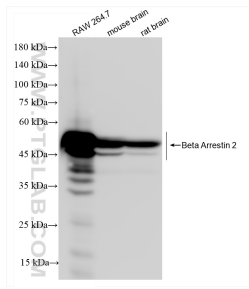
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## Selected Validation Data



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.