

For Research Use Only

# Beta Arrestin 1 Polyclonal antibody

Catalog Number: 15361-1-AP

Featured Product

7 Publications



## Basic Information

Catalog Number:  
15361-1-AP

Size:  
150ul, Concentration: 450 µg/ml by  
Nanodrop and 133 µg/ml by Bradford  
method using BSA as the standard;

Source:  
Rabbit

Isotype:  
IgG

Immunogen Catalog Number:  
AG7608

GenBank Accession Number:  
BC003636

GeneID (NCBI):  
408

Full Name:  
arrestin, beta 1

Calculated MW:  
47 kDa

Observed MW:  
47 kDa

Purification Method:  
Antigen affinity purification

Recommended Dilutions:  
WB 1:500-1:2000  
IP 0.5-4.0 ug for IP and 1:500-1:1000  
for WB  
IHC 1:50-1:500

## Applications

Tested Applications:  
IHC, IP, WB, ELISA

Cited Applications:  
CoIP, IF, WB

Species Specificity:  
human, mouse, rat

Cited Species:  
human, mouse

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

WB: HEK-293 cells, A549 cells, U-937 cells, rat lung  
tissue, mouse lung tissue, RAW 264.7 cells

IP: mouse lung tissue,

IHC: human tonsillitis tissue, mouse spleen tissue,  
mouse cerebellum tissue, mouse brain tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Jing-Yu Lin	34480896	J Biol Chem	WB
Kraemer Anne A	24147004	PLoS One	WB
Yi-Ming Guan	34254213	Amino Acids	WB

## 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

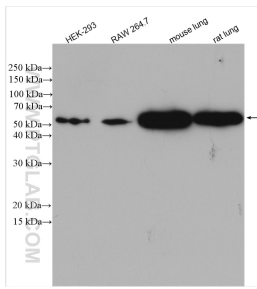
For technical support and original validation data for this product please contact:

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

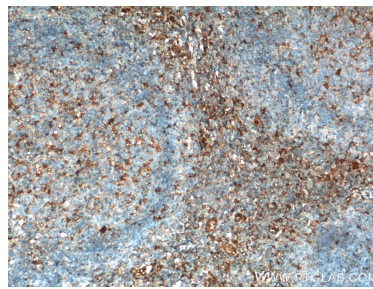
E: proteintech@ptglab.com  
W: ptglab.com

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

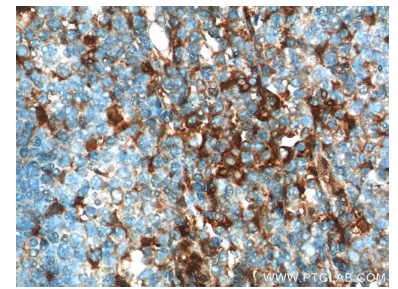
## Selected Validation Data



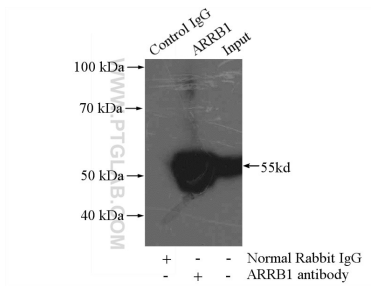
Various lysates were subjected to SDS PAGE followed by western blot with 15361-1-AP (Beta Arrestin 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15361-1-AP (beta Arrestin 1 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15361-1-AP (beta Arrestin 1 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-beta Arrestin 1 (IP:15361-1-AP, 4ug; Detection:15361-1-AP 1:500) with mouse lung tissue lysate 4000ug.