

Beta Arrestin 2 Polyclonal Antibody

Catalog number: 10171-1-AP

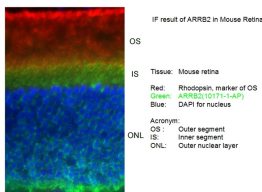
Size: 41 µg/150 µl

Source: Rabbit

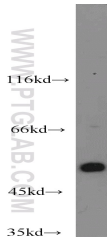
Isotype: IgG

Synonyms:

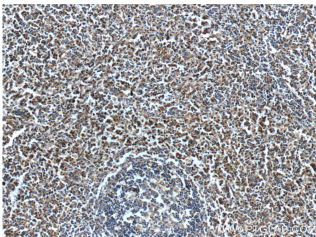
ARRB2; ARB2, ARR2, ARRB2,
Arrestin beta 2, arrestin, beta 2,
BARR2, Beta arrestin 2,
DKFZp686L0365



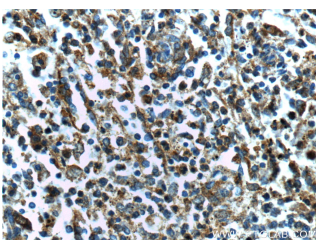
IF result of anti-ARRB2(10171-1-AP)
in Mouse Retina by Dr. Seongjin Seo.
IS (Inner segment) Stain.



RAW 264.7 cells were subjected to
SDS PAGE followed by western blot
with 10171-1-AP (Beta Arrestin 2
antibody) at dilution of 1:2000



Immunohistochemistry of paraffin-
embedded human spleen tissue slide
using 10171-1-AP (Beta Arrestin 2
Antibody) at dilution of 1:200 (under
10x lens).



Immunohistochemistry of

Background

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.

Applications

Tested applications:	ELISA, WB, IF, IP, IHC
Cited applications:	WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Xenopus
Calculated Beta Arrestin 2 MW:	46 kDa
Observed Beta Arrestin 2 MW:	50 kDa
Positive WB detected in	RAW 264.7 cells, PC-12 cells
Positive IP detected in	RAW 264.7 cells
Positive IHC detected in	Human spleen tissue, human brain tissue
Positive IF detected in	Mouse Retina tissue
Recommended dilution:	WB: 1:1000-1:10000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200

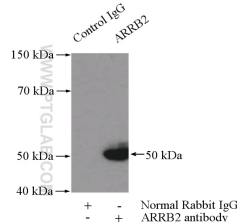
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0227
GenBank accession number:	BC007427
Gene ID (NCBI):	409
Full name:	Arrestin, beta 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-Beta Arrestin

paraffin-embedded human spleen tissue slide using 10171-1-AP (Beta Arrestin 2 Antibody) at dilution of 1:200 (under 40x lens). 2 (IP:10171-1-AP, 4ug; Detection:10171-1-AP 1:1000) with RAW 264.7 cells lysate 4000ug.