

Datasheet for ABIN947581

## anti-beta Arrestin 1 antibody (AA 1-418)



[Go to Product page](#)

### 1 Image

#### Overview

|                      |                                                |
|----------------------|------------------------------------------------|
| Quantity:            | 50 µg                                          |
| Target:              | beta Arrestin 1 (ARRB1)                        |
| Binding Specificity: | AA 1-418                                       |
| Reactivity:          | Human                                          |
| Host:                | Mouse                                          |
| Clonality:           | Polyclonal                                     |
| Conjugate:           | This beta Arrestin 1 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                          |

#### Product Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Mouse polyclonal antibody raised against a full-length human ARRB1 protein.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen:        | ARRB1 (NP_004032.2, 1 a.a. ~ 418 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence:         | MGDKGTRVFK KASPNGKLTV YLGKRDFVDH IDLVDPVDGV VLVDPEYLKE RRVYVTLTCA<br>FRYGREDLDV LGLTRKDLF VANVQSFPFA PEDKKPLTRL QERLIKKLGE HAYPFTFEIP<br>PNLPCSVTLQ PGPEDTGKAC GVDYEVKAFC AENLEEKIHK RNSVRLVIRK VQYAPERPGP<br>QPTAETTRQF LMSDKPLHLE ASLDKEIYYH GEPISVNVHV TNNTNKT VKK IKISVRQYAD<br>ICLFNTAQYK CPVAMEEADD TVAPSSTFCK VYTLTPFLAN NREKRGLALD GCLKHEDTNL<br>ASSTLLREGA NREILGIIVS YKVKVKLVVS RGGLLGDLAS SDVAVELPFT LMHPKPKEEP<br>PHREVPENET PVDTNFIELD TNDDDIVFED FARQLKG MK DDKEEEEDGT GSPQLNNR |
| Cross-Reactivity: | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Characteristics:  | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | beta Arrestin 1 (ARRB1)                                                                                                                                                                                                                                                                                                                                                   |
| Alternative Name: | ARRB1 ( <a href="#">ARRB1 Products</a> )                                                                                                                                                                                                                                                                                                                                  |
| Background:       | Full Gene Name: arrestin, beta 1<br>Synonyms: ARB1,ARR1                                                                                                                                                                                                                                                                                                                   |
| Gene ID:          | 408                                                                                                                                                                                                                                                                                                                                                                       |
| NCBI Accession:   | <a href="#">NM_004041</a>                                                                                                                                                                                                                                                                                                                                                 |
| Pathways:         | <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Phototransduction</a> |

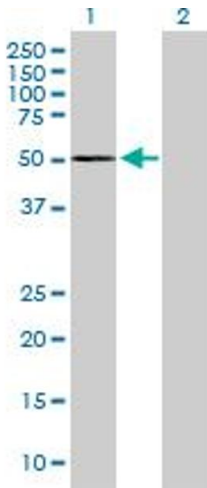
Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

Handling

|                  |                                                                          |
|------------------|--------------------------------------------------------------------------|
| Buffer:          | In 1x PBS, pH 7.4                                                        |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.                          |
| Storage:         | -20 °C                                                                   |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Images



**Western Blotting**

**Image 1.** Western Blot analysis of ARRB1 expression in transfected 293T cell line by ARRB1 MaxPab polyclonal antibody.

Lane 1: ARRB1 transfected lysate(47.10 kDa).

Lane 2: Non-transfected lysate.