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## Datasheet for ABIN6991953 **anti-ARR3 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	ARR3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARR3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	ARR3 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human ARR3. The immunogen is located within the last 50 amino acids of ARR3.
Isotype:	IgG
Specificity:	ARR3 antibody is human, mouse and rat reactive. At least three isoforms of ARR3 are known to exist. This antibody is predicted to not cross-react with other members of the arrestin protein family.
Purification:	ARR3 antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	ARR3
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## Target Details

Alternative Name:	ARR3 ( <a href="#">ARR3 Products</a> )
Background:	Arrestin 3 (ARR3) belongs to the Arrestin family of proteins that function as negative regulators of G protein-coupled receptor (GPCR) signaling (1,2). ARR3 binds the c-Jun N-terminal kinase 3 (JNK3) and scaffolds the apoptosis signal-regulating kinase 1 (ASK1)-MAPK kinase4-JNK3 cascade in a receptor-independent fashion, promoting JNK3 phosphorylation (3,4). ARR3 also mediates the internalization of the C-C chemokine receptor CCR7 upon the binding of its ligand CCL19, but not CCL21, suggesting that it helps mediate CCR7 receptor desensitization (5).
Molecular Weight:	Predicted: 43 kDa  Observed: 47 kDa
Gene ID:	407
NCBI Accession:	<a href="#">NP_004303</a>
UniProt:	<a href="#">P36575</a>
Pathways:	<a href="#">Phototransduction</a> , <a href="#">Thromboxane A2 Receptor Signaling</a>

## Application Details

Application Notes:	ARR3 antibody can be used for detection of ARR3 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2 µg/mL. For immunofluorescence start at 20 µg/mL.  Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ARR3 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

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Storage:	-20 °C,4 °C
Storage Comment:	ARR3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.