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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 \(ARR3 Products\)](#)

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: [NP_004303](#)

UniProt: [P36575](#)

Pathways: [Phototransduction](#), [Thromboxane A2 Receptor Signaling](#)

Application Details

Application Notes: ARR3 antibody can be used for detection of ARR3 by Western blot at 0.5 - 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2 μ g/mL. For immunofluorescence start at 20 μ g/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

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.