

# ARRB1 Antibody

Catalog No: T55314

Reactivity: Human Mouse Rat

IsoType: Rabbit IgG

Applications: WB IHC ICC/IF FC



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400-6123-828

## Information

**UniProt ID:** P49407

**All Names:** ARRB1; ARB1; ARR1; Arrestin beta 1; Beta arrestin 1;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

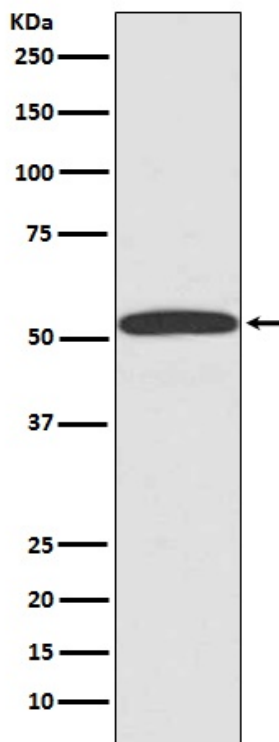
**Molecular Wt.:** 50kDa

## Application

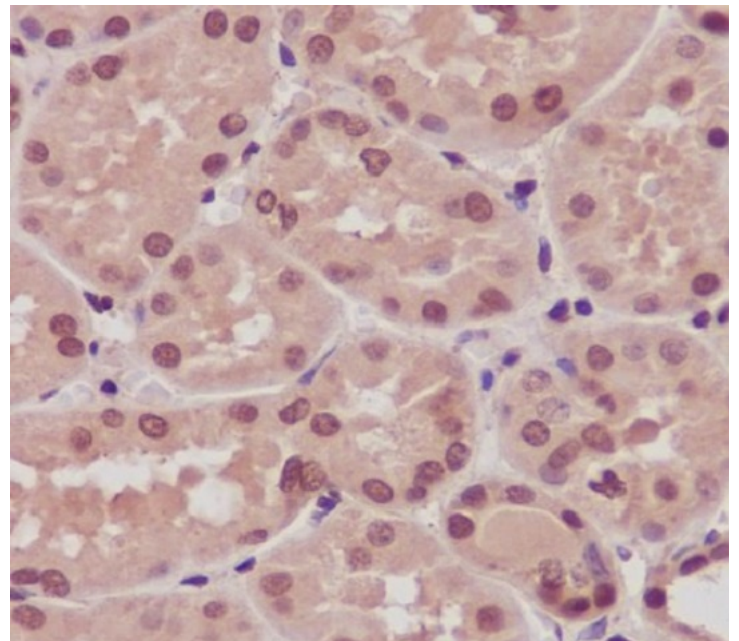
WB 1:500~1:1000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:20

## Background

Arrestin proteins function as negative regulators of G protein-coupled receptor (GPCR) signaling. Cognate ligand binding stimulates GPCR phosphorylation, which is followed by binding of arrestin to the phosphorylated GPCR and the eventual internalization of the receptor and desensitization of GPCR signaling. Four distinct mammalian arrestin proteins are known. Arrestin 1 (also known as S-arrestin) and arrestin 4 (X-arrestin) are localized to retinal rods and cones, respectively.



Western blot analysis of ARRB1 expression in 293T cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using ARRB1 Antibody.