

Datasheet for ABIN559954
anti-Arrestin 3 antibody (AA 300-409)

5 Images

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Overview

Quantity:	100 µg
Target:	Arrestin 3 (ARRB2)
Binding Specificity:	AA 300-409
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Arrestin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ARRB2.
Immunogen:	ARRB2 (AAH07427, 300 a.a. ~ 409 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NLASSTIVKE GANKEVLGIL VSYRVKVKLV VSRGGDVSV E LPFVLMHPKP HDHIPLPRPQ SAAPETDVPV DTNLIEFDTN YATDDDIVFE DFARLR LKGM KDDDYDDQLC
Clone:	3G1
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Arrestin 3 (ARRB2)
Alternative Name:	ARRB2 (ARRB2 Products)
Background:	Full Gene Name: arrestin, beta 2 Synonyms: ARB2,ARR2,BARR2,DKFZp686L0365
Gene ID:	409
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , cAMP Metabolic Process , Myometrial Relaxation and Contraction , Regulation of Leukocyte Mediated Immunity , Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , CXCR4-mediated Signaling Events , Phototransduction , Thromboxane A2 Receptor Signaling

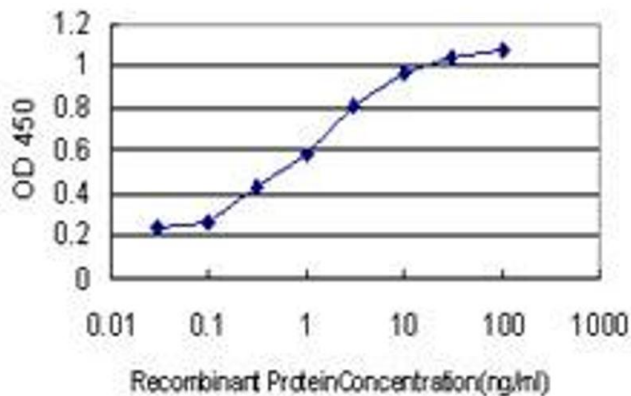
Application Details

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

Handling

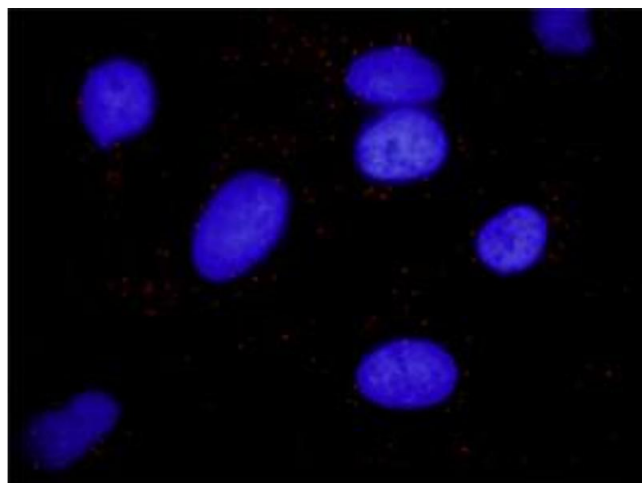
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



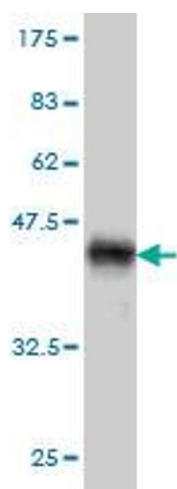
ELISA

Image 1. Detection limit for recombinant GST tagged ARRB2 is approximately 0.03ng/ml as a capture antibody.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between MAPK3 and ARRB2. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-ARRB2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Western Blotting

Image 3. Western Blot detection against Immunogen (37.84 kDa) .

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN559954.