

## Product Datasheet

### ARRB1 Antibody (C-term) (orb1937801)

<b>Catalog Number</b>	orb1937801
<b>Category</b>	Antibodies
<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	ARRB1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rabbit, Rat
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Immunogen</b>	This ARRB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 336-363 amino acids from the C-terminal region of human ARRB1. Antigen Region: 336-363 aa.
<b>UniProt ID</b>	<b>P49407</b>
<b>MW</b>	47066 Da
<b>Tested applications</b>	FC, IF, IHC-P, WB
<b>Dilution range</b>	WB - 1:1000, IF - 1:10-50, IHC-P - 1:10-50, FC - 1:10-50

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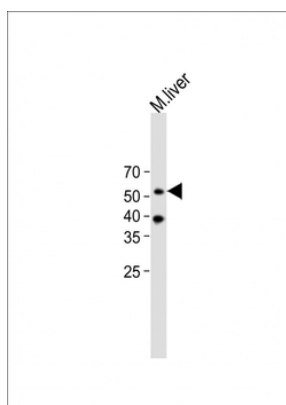
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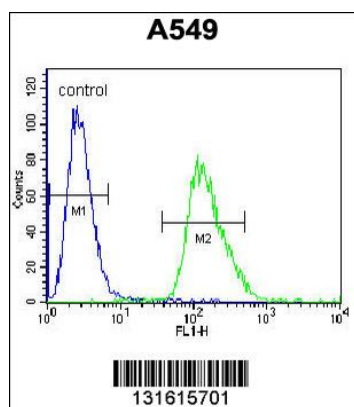
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<b>Clone Number</b>	BTD53837
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_004032.2, NP_064647.1</b>
<b>Expiration Date</b>	12 months from date of receipt.



All lanes: Anti-ARRB1 Antibody (C-term) at 1:1000 dilution + mouse liver lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 50 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



ARRB1 Antibody (C-term) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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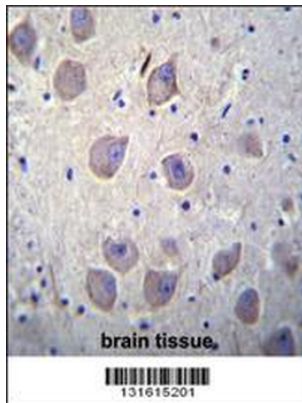
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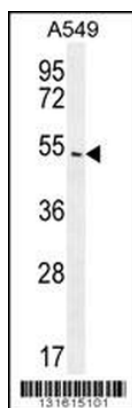
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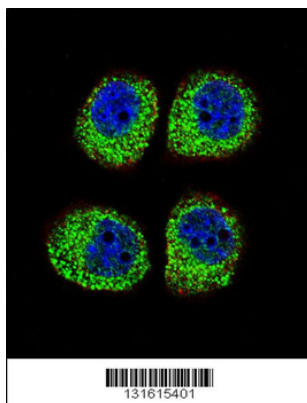
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ARRB1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ARRB1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



ARRB1 Antibody (C-term) western blot analysis in A549 cell line lysates (35 ug/lane). This demonstrates the ARRB1 antibody detected the ARRB1 protein (arrow).



Confocal immunofluorescent analysis of ARRB1 Antibody (C-term) with A549 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).

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