

Rabbit anti-Human, Dog Arrestin B2 Polyclonal Antibody

Arrestin B2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA224258	Rabbit	Human, Dog	Immunohistochemistry, Western Blot

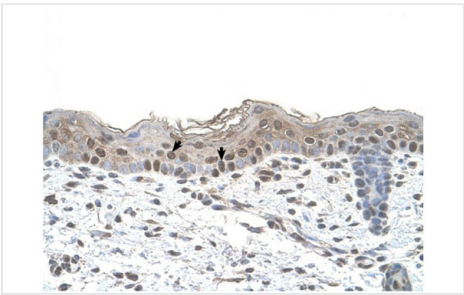
PRODUCT SYNONYMS

Arrestin B2; Polyclonal Antibody; Arrestin B2 antibody; Polyclonal Arrestin B2; Anti-Arrestin B2; ARB2; ARR2; Arrestin Beta 2; DKFZp686L0365; anti-Arrestin B2 antibody

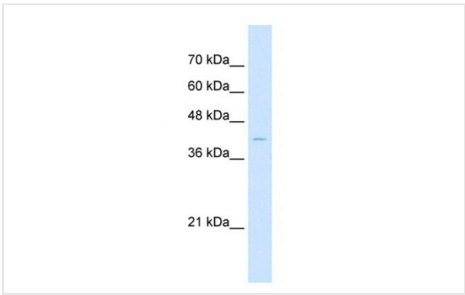
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Dog
Clonality	Polyclonal
Specificity	Arrestin B2 antibody was raised against the middle region of ARRB2
Purity/Purification	Affinity purified
Form/Format	Lyophilized powder. Add 50ul distilled water for a 1mg/ml concentration of ARRB2 antibody in PBS
Concentration	1 mg/ml (varies by lot)
Sequence Length	409
Applicable Applications for anti-Arrestin B2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. ARRB2, like arrestin beta 1, was shown to inhibit beta-adrenergic receptor function in vitro. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors.
Cross-Reactivity	Human,Dog
Immunogen	Arrestin B2 antibody was raised using the middle region of ARRB2 corresponding to a region with amino acids RLVIRKVQFAPEKPGPQPSAETTRHFLMSDRSLHLEASLDKELYHGEPL
Preparation and Storage	Store at 2-8 degree C for short periods. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Arrestin B2 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Squamous epithelial cells (arrows) in Human Skin. Magnification is at 400X



WB (Western Blot)
Western Blot showing Arrestin B2 antibody used at a concentration of 1 ug/ml against HepG2 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-Arrestin B2 antibody	Rabbit polyclonal Arrestin B2 antibody raised against the middle region of ARRB2
Product Categories/Family for anti-Arrestin B2 antibody	Signal Transduction; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	818942979
Molecular Weight	44 kDa (MW of target protein)
NCBI Official Full Name	arrestin, beta 2-like protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arrestin-b2-antibody-immunohistochemistry-western-blot-elisa/224258>