

Anti-Arrestin beta 2 antibody (Internal) (STJ70699)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IF/FC
Host / Source	Goat
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

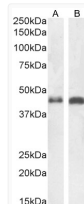
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx 45kDa band observed in lysates of cell lines A549 and U251 and in preliminary testing of KNRK cell lysate (calculated MW of 46.1kDa according to NP_004304.1 and 44.4kDa according to NP_004304.1)
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

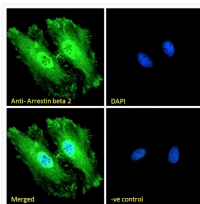
Gene ID	409
Gene Symbol	ARRB2
UniProt ID	ARRB2_HUMAN
Immunogen Region	Internal
Immunogen Sequence	HDHIPLRPQS
Specificity	This antibody is expected to recognise reported isoforms 1, 2, 3, 5, 6 and 7. No crossreactivity is expected with Arrestin beta 1.

ADDITIONAL INFORMATION

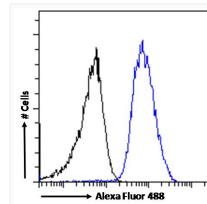
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ70699 (1µg/ml) staining of A549 (A) , and U251 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70699 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing plasma membrane, cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70699 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.