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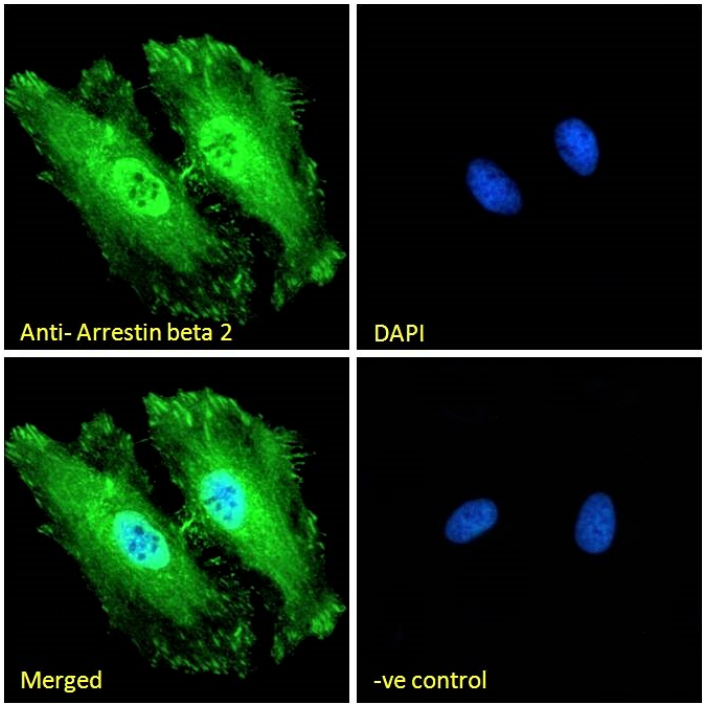
GOAT ANTI-ARRESTIN BETA 2 ANTIBODY

SKU: EB06745



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	arrestin beta-2|arrestin 3|BARR2|beta-arrestin 2|arrestin beta 2|DKFZp686L0365|ARR2|ARB2|HGNC:712|ARRB2|arrestin, beta 2
Usage Summary	Immunofluorescence: Strong expression of the protein seen in HeLa cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.
Accession ID	NP_004304.1; NP_945355.1; NP_001244257.1; NP_001244259.1; NP_001244260.1; NP_001316993.1
Blocking Peptide	EBP06745

Immunogen	Peptide with sequence C-HDHIPLPRPQS, from the internal region of the protein sequence according to NP_004304.1; NP_945355.1; NP_001244257.1; NP_001244259.1; NP_001244260.1; NP_001316993.1.
Product Comments	This antibody is expected to recognise reported isoforms 1, 2, 3, 5, 6 and 7. No crossreactivity is expected with Arrestin beta 1.
Peptide Sequence	C-HDHIPLPRPQS
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat
Reactive Species	Human
Human Gene ID	409
Mouse Gene ID	216869
Rat Gene ID	25388
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	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_945355.1) Recommended concentration: 0.5-1µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IF, FC

SELECTED REFERENCES

[{"pmid": 20227500, "intro": "**This antibody (previous batch) has been successfully used in WB on Mouse:**", "title": "Dopamine D2 receptor dysfunction is rescued by adenosine A2A receptor antagonism in a model of DYT1 dystonia.", "author": "Napolitano F, Pasqualetti M, Usiello A, Santini E, Pacini G, Sciamanna G, Errico F, Tassone A, Di Dato V, Martella G, Cuomo D, Fisone G, Bernardi G, Mandolesi G, Mercuri NB, Standaert DG, Pisani A.", "journal": "Neurobiol Dis. 2010 Jun;38(3):434-45."}, {"pmid": 21193245, "intro": "**This antibody (previous batch) has been successfully used in IP on Rat:**", "title": "Reduced expression of arrestin beta 2 by graft monocytes during acute rejection of rat kidneys.", "author": "Zakrzewicz A, Krasteva G, Wilhelm J, Dietrich H, Wilker S, Padberg W, Wygrecka M, Grau V.", "journal": "Immunobiology. 2011 Jul;216(7):854-61."}]

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DOCUMENTS

- Data Sheet

GALLERY IMAGES

