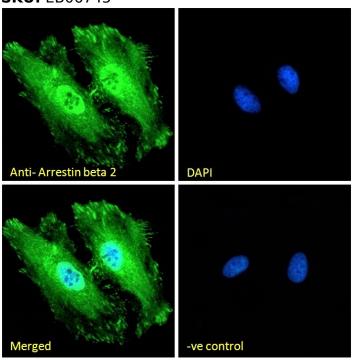




Telephone: (650) 697-3600

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

Storage

Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias

arrestin beta-2|arrestin 3|BARR2|beta-arrestin 2|arrestin beta

Names

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

NP 004304.1; NP 945355.1; NP 001244257.1; NP 001244259.1; NP 001244260.1; NP 001316993.1

Blocking Peptide

EBP06745





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

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 This antibody is expected to recognise reported isoforms 1, 2, 3, 5, 6 and 7. No crossreactivity is expected with

Comments Arrestin beta 1.

Peptide C-HDHIPLPRPQS Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping Instructions Refrigerated

Predicted

Species Human, Mouse, Rat

Reactive

Species Human

Human Gene ID

Mouse

Gene ID 25388

Product Grade

 $https://prod-vector-labs-pimcore-assets.s 3. us-east-1. a mazonaws.com/assets/products/image/elite_plus_medium.png$

ELISA

Detection Antibody detection limit dilution 1:64000.

Limit

Blot

Western

Approx 45kDa band observed in lysates of cell lines A549 and U251 and in preliminary testing of KNRK cell lysate

(calculated MW of 46.1 kDa according to NP_004304.1 and 44.4 kDa 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."}]

GALLERY IMAGES





Telephone: (650) 697-3600



