

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB09820 - Goat Anti-DYDC1 (aa142-154) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: bA36D19.5, BC019250 protein, DPY30 domain containing 1,

DPY30D1, FLJ43920, OTTHUMP00000019963, DYDC1

Official Symbol: DYDC1

Accession Number(s): NP_620167.1

Human GenelD(s): 143241

Non-Human GeneID(s): 69496 (mouse), 688433 (rat)

Immunogen

Peptide with sequence C-TLAEISDRYGAPN, from the internal region of the protein sequence according to NP_620167.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: n transfected HEK293 transiently expressing Human DYDC1 (myc and DYKDDDDK tagged), a band of approx. 28kDa is observed. No bands are observed in mock-transfected HEK293 and the same band is observed using anti-myc tag antibody.

This 28kDa band is also observed in Human, Mouse and Rat Testis lysates.

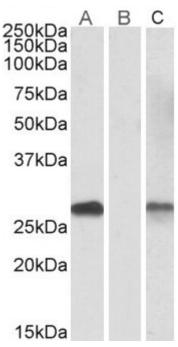
Recommended concentration: 0.1-1µg/ml.

IHC: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.

Species Reactivity

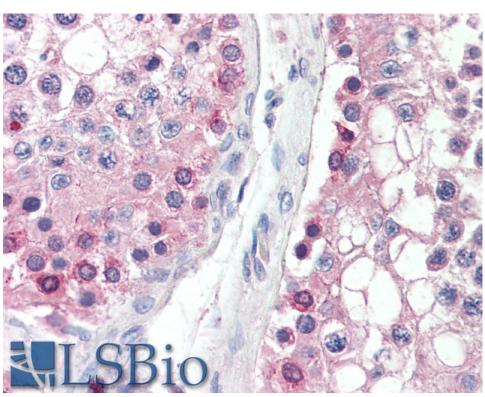
Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Cow



Lane A - EB09820 (1µg/ml) staining of HEK293 overexpressing Human DYDC1 lysate (10µg protein in RIPA buffer) Lane B - EB09820 (0.1µg/ml) staining of HEK293 mock-transfected lysate (10µg protein in RIPA buffer).

Lane C - EB00106 anti-MYC Tag (1/1000) staining HEK293 overexpressing Human DYDC1 lysate (10µg protein in RIPA buffer). Primary incubations were for 1 hour. Detected by chemiluminescence.



EB09820 (5μg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.