



## International Office

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**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 GeneID(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.

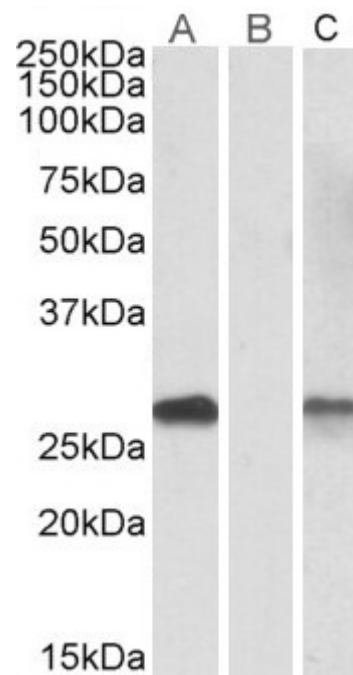
Recommended concentration: 0.1-1µg/ml.

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

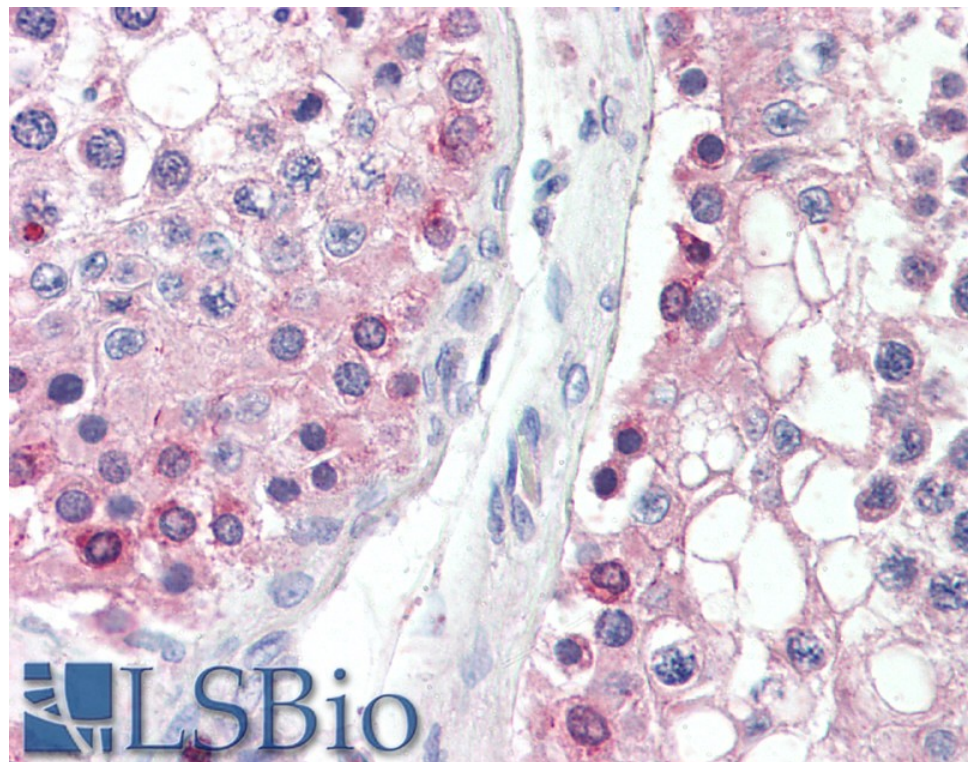
### Species Reactivity

**Tested:** Human, Mouse, Rat

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



Lane A - EB09820 (1 $\mu$ g/ml) staining of HEK293 overexpressing Human DYDC1 lysate (10 $\mu$ g protein in RIPA buffer) Lane B - EB09820 (0.1 $\mu$ g/ml) staining of HEK293 mock-transfected lysate (10 $\mu$ g protein in RIPA buffer). Lane C - EB00106 anti-MYC Tag (1/1000) staining HEK293 overexpressing Human DYDC1 lysate (10 $\mu$ g protein in RIPA buffer). Primary incubations were for 1 hour. Detected by chemiluminescence.



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