



## International Office

### Everest Biotech Ltd

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

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08711 - Goat Anti-ABCD4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCD4, ATP-binding cassette, sub-family D (ALD), member 4, ABC41, EST352188, P70R, P79R, PMP69, PXMP1L, ATP-binding cassette, sub-family D, member 4, peroxisomal membrane protein 1-like

**Official Symbol:** ABCD4

**Accession Number(s):** NP\_005041.1

**Human GeneID(s):** [5826](#)

**Non-Human GeneID(s):** 19300 (mouse), 299196 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_064719.1  
NP\_064731.1 NP\_064720.1 NP\_064730.1

### Immunogen

Peptide with sequence C-RDDIDNPDQRISQD, from the internal region of the protein sequence according to NP\_005041.1.

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 1:8000.

**Western blot:** Approx 70kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 68.6kDa according to NP\_005041.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Testis and Kidney. Recommended concentration: 3.75µg/ml.

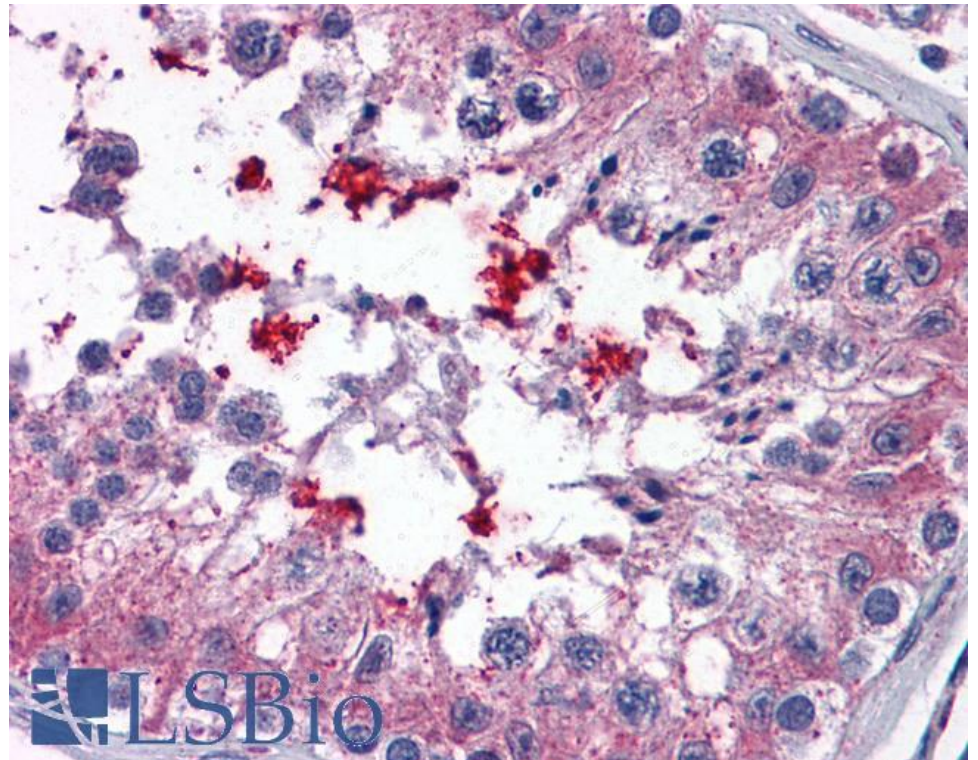
### Species Reactivity

**Tested:** Human

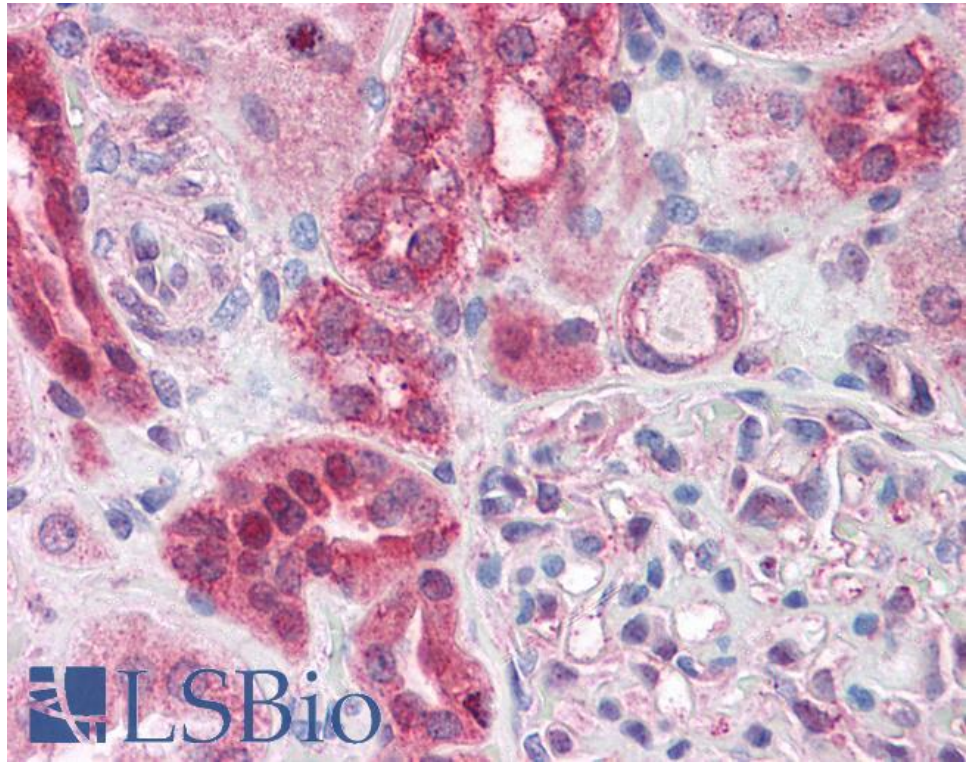
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB08711 (0.3 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer). Detected with chemiluminescence.



EB08711 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08711 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.