

### **UK Office**

### **Everest Biotech Ltd**

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

**Enquiries:** 

info@everestbiotech.com

Sales:

UK

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

#### **US Office**

#### **Everest Biotech c/o Abcore**

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

 $\underline{usasales@everest biotech.com}$ 

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

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 GenelD(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.

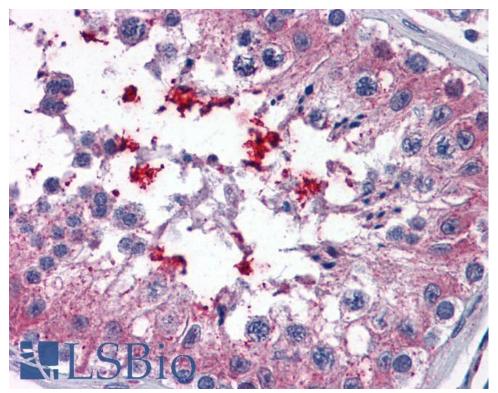
# **Species Reactivity**

Tested: Human

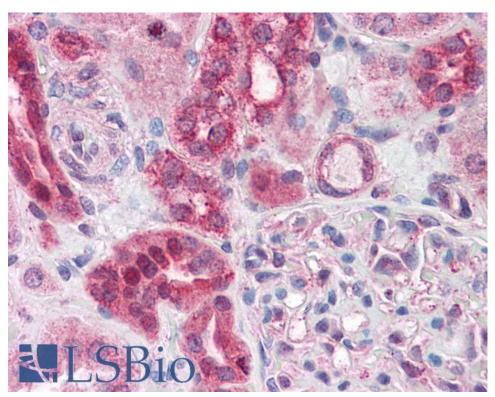
Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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



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



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