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**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.

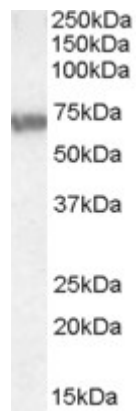
Western blot: Approx 70kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 68.6kDa according to NP_005041.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

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

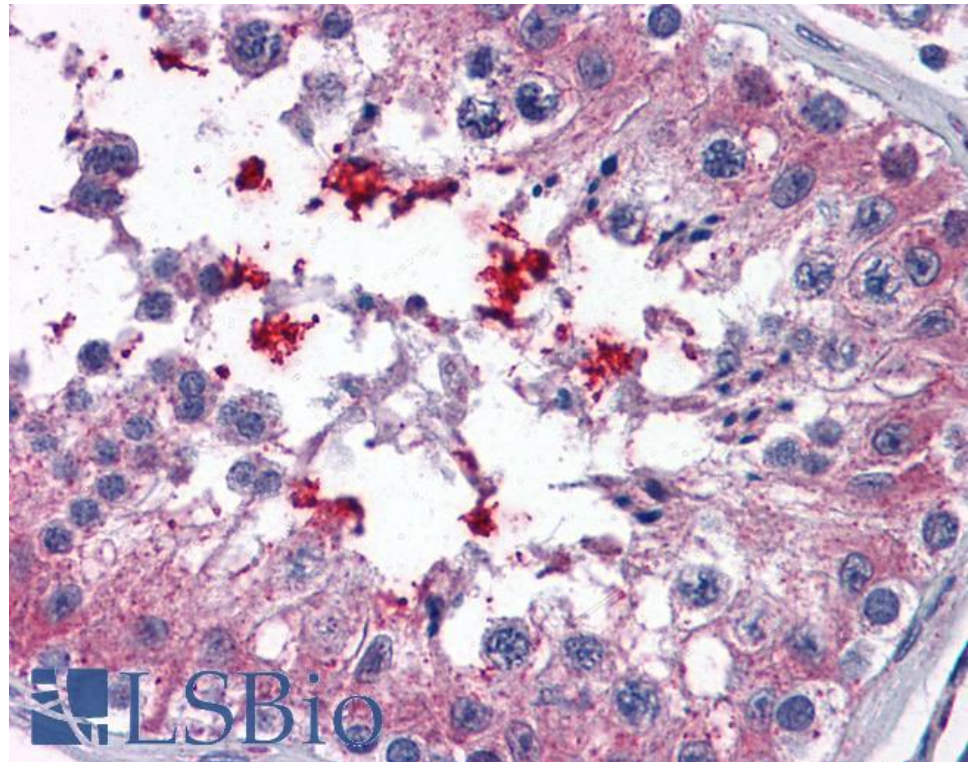
Species Reactivity

Tested: Human

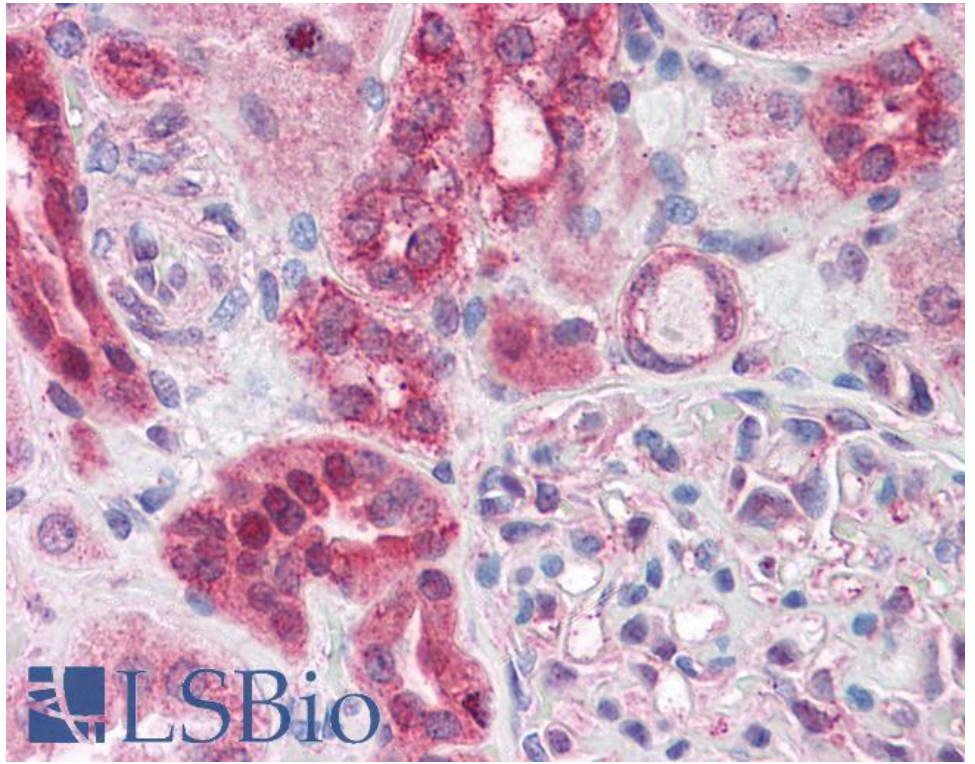
Expected from sequence similarity: Human, Mouse, Rat, Dog



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



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



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