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Research Use Only. Not for diagnostic or therapeutic use.

EB08710 - Goat Anti-ABCD3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ABCD3, ATP-binding cassette, sub-family D (ALD), member 3, ABC43, PMP70, PXMP1, ATP-binding cassette, sub-family D, member 3, Peroxisomal membrane protein-1 (70kD), dJ824O18.1 (ATP-binding cassette, sub-family D (ALD), member 3 (PMP70, PXMP1)), peroxisomal membrane protein 1 (70kD, Zellweger syndrome)

Official Symbol: ABCD3

Accession Number(s): NP_002849.1

Human GeneID(s): 5825

Non-Human GenelD(s): 19299 (mouse), 25270 (rat)

Important Comments: This antibody is expected to recognize one isoform

(NP_002849.1) only.

Immunogen

Peptide with sequence C-PDGREDQKRKGISD, from the internal region of the protein sequence according to NP_002849.1.

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 1:16000.

IHC: In paraffin embedded Human Testis shows vesicular staining in Sertoli cells.

Recommended concentration: 2.5-3.8µg/ml.

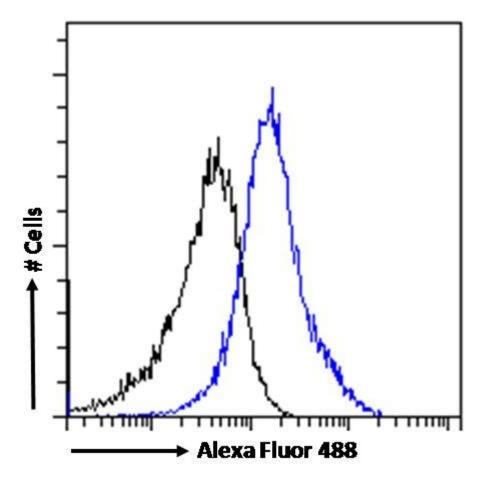
Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration:

Species Reactivity

Tested: Human

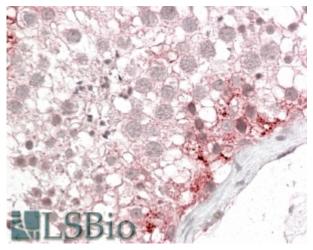
10ug/ml.

Expected from sequence similarity: Human, Mouse, Rat



EB08710 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



EB08710 (3.8µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.