

RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Goat anti ASRGL1 / ALP

With HRP-conjugated Secondary Antibody

Catalog No. Target Species Accession Number

Target Protein

Principal Names: asparaginase-like 1 protein, FLJ22316, ALP1, asparaginase like 1, ALP, ASRGL1

Official Symbol: ASRGL1

Accession Number(s): NP_001077395.1; NP_079356.3

Human GeneID(s): 80150

Important Comments: Both reported variants represent identical protein (NP 001077395.1 and

NP_079356.3).

Immunogen

Peptide with sequence EKHEKGAQKTDCQ, from the internal region of the protein sequence according to NP_001077395.1; NP_079356.3.

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 1:4000.

Western blot: Approx 35kDa band observed in Human Testis lysates (calculated MW of 32.1kDa according to NP_001077395.1and NP_079356.3). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Background Reference

Bush LA, Herr JC, Wolkowicz M, Sherman NE, Shore A, Flickinger CJ.

A novel asparaginase-like protein is a sperm autoantigen in rats.

Mol Reprod Dev. 2002 Jun;62(2):233-47.

PMID: 11984834

The products are furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.



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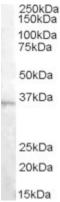
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Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

Images



ER-14-0193 (1.5μg/ml) staining of Human Testis lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.