



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Goat anti ASRGL1 / ALP

### With HRP-conjugated Secondary Antibody

**Catalog No.**

ER-14-0193

**Target Species**

Human

**Accession Number**

NP\_001077395.1; NP\_079356.3

#### ***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\_001077395.1 and 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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### *Secondary Antibody Applications*

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

### *Images*



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

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