

### RayBiotech, Inc.

3607 Parkway Lane suite 200 Norcross,GA 30092 Tel: 770-729-2992, 1-888-494-8555

Fax: 770-206-2393

Website: www.raybiotech.com Email: info@raybiotech.com

# Certificate of Analysis and Data Sheet

# **Goat Anti-ANILLIN / Scraps (internal)**

With HRP-conjugated Secondary Antibody

Catalog No. ER-14-0145 Target Species
Human

Accession Number NP\_061155.2

#### Target Protein

Principal Names: anillin (Drosophila Scraps homolog), actin binding protein, DKFZp779A055, anillin,

actin binding protein (scraps homolog, Drosophila), ANLN, Scraps, ANILLIN

Official Symbol: ANLN

Accession Number(s): NP\_061155.2

**Human GeneID(s):** 54443

**Non-Human GeneID(s):** 68743 (mouse), 307056 (rat)

#### Immunogen

Peptide with sequence **C-TYPDDEKRKNP**, from the internal region of the protein sequence according to NP\_061155.2.

#### Purification and Storage

Purified from goat serum by ammonium sulfate 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.

**Western blot:** Approx 100kDa band observed in Human and Mouse Brain lysates (calculated MW of 124kDa according to NP 061155.2). Recommended concentration: 1-3µg/ml.

# Species Reactivity Tested: Human, Mouse

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

### Background Reference

Hall PA, Todd CB, Hyland PL, McDade SS, Grabsch H, Dattani M, Hillan KJ, Russell SE.

The septin-binding protein anillin is overexpressed in diverse human tumors.

Clin Cancer Res. 2005 Oct 1;11(19 Pt 1):6780-6.

**PMID:** 16203764

The products are furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.



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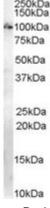
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#### Secondary Antibody Applications

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

#### **Images**



ER-14-0145 (1μg/ml) staining of Mouse Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.