



RayBiotech, Inc.

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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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Secondary Antibody Applications

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

Images



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

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