

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06104-T - Goat Anti-ANILLIN / Scraps (C Terminus) Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** ANLN, Scraps, ANILLIN, anillin, actin binding protein (scraps homolog, Drosophila), anillin (Drosophila Scraps homolog), actin binding protein, anillin, actin binding protein, DKFZp779A055, scra

**Official Symbol:** ANLN

**Accession Number(s):** NP\_061155.2; NP\_001271230.1; NP\_001271231.1

**Human GeneID(s):** [54443](#)

**Non-Human GeneID(s):** 68743 (mouse)

### Immunogen

Peptide with sequence WQPDACYKPIGKP, from the C Terminus of the protein sequence according to NP\_061155.2; NP\_001271230.1; NP\_001271231.1.

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 1:64000.

**IHC:** In paraffin embedded Human Kidney shows staining of nuclei in some cells of renal tubules.. Recommended concentration: 3-10µg/ml.

**Immunofluorescence:** Strong expression of the protein seen in the nucleus of U2OS cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of MCF7 cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Cow

EB06104 (10µg/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.

EB06104 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB06104 Flow cytometric analysis of paraformaldehyde fixed MCF7 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.