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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

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

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: scra, DKFZp779A055, anillin, actin binding protein, anillin (Drosophila Scraps homolog), actin binding protein, anillin, actin binding protein (scraps homolog, Drosophila), ANILLIN, Scraps, ANLN
Official Symbol: ANLN
Accession Number(s): NP_061155.2
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.

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

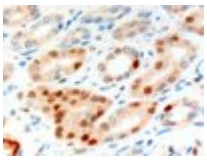
Peptide ELISA: antibody detection limit dilution 1:64000.
Western blot: Preliminary experiments gave an approx 75kDa band in Mouse Brain lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 124kDa according to NP_061155.2. The 75kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?
IHC: In paraffin embedded Human Kidney shows staining of nuclei in some cells of renal tubules.. Recommended concentration, 3-10µg/ml.

Species Reactivity

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

Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:
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



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