

### **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

**Enquiries:** 

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

#### **US Office**

### **Everest Biotech c/o Abcore**

405 Maple Street, Suite A106 Ramona,

CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

 $\underline{usasales@everest biotech.com}$ 

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

### www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB05380 - Goat Anti-AXIN1 Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

Principal Names: AXIN1, axin 1, AXIN, LA16c-314G4.3, MGC52315, axis inhibition

protein 1, axis inhibitor 1, fused, mouse, homolog of

Official Symbol: AXIN1

Accession Number(s): NP\_003493.1; NP\_851393.1

Human GenelD(s): 8312

Non-Human GenelD(s): 12005 (mouse), 79257 (rat)

**Important Comments:** This antibody is expected to recognise both reported isoforms.

## **Immunogen**

Peptide with sequence C-FEEKIIGKVEKVD, from the C Terminus of the protein sequence according to NP\_003493.1; NP\_851393.1.

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 1:128000.

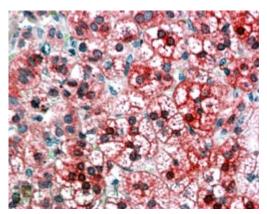
Western blot: Preliminary experiments gave bands at approx 150kDa and 22-24kDa in Human Brain (Hippocampus) lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 95.6kDa according to NP\_003493.1 and 91.7kDa according to NP\_851393.1. The detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

**IHC:** In paraffin embedded Human Adrenal Gland shows membranous and fibrous staniing in and around secretory cells of the zona fasciculata in the cortex. Recommended concentration, 3-5µg/ml.

### **Species Reactivity**

Tested: Human

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



EB05380 (3.8μg/ml) staining of paraffin embedded Human Adrenal Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.