

# **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

#### www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB05307 - Goat Anti-Annexin A11 Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

Principal Names: ANXA11, annexin A11, ANX11, CAP50, annexin XI, autoantigen, 56-kD, calcyclin-associated annexin 50, 56 kDa autoantigen, CAP-50, annexin-11 Official Symbol: ANXA11 Accession Number(s): NP\_001148.1 Human GeneID(s): <u>311</u> Important Comments: Reported variants represent identical protein: NP\_001148.1; NP\_665875.1 and NP\_665876.1.

#### Immunogen

Peptide with sequence YPGYPPPGGYPP-C, from the N Terminus of the protein sequence according to NP\_001148.1.

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**

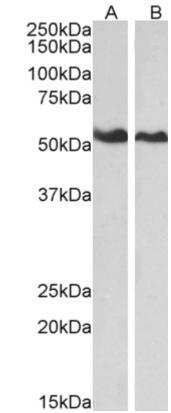
Peptide ELISA: antibody detection limit dilution 1:32000.

**Western blot:** Approx 55kDa band observed in lysates of cell lines HeLa and Jurkat (calculated MW of 54.4kDa according to NP\_001148.1). Recommended concentration: 0.01-0.03µg/ml.

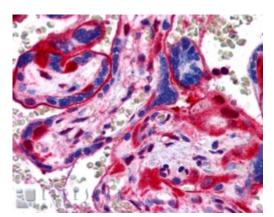
**IHC:** In paraffin embedded Human Placenta shows strong staining of Basement Membrane in trophoblasts. Recommended concentration, 3-5µg/ml.

#### **Species Reactivity**

Tested: Human Expected from sequence similarity: Human



EB05307 (0.01µg/ml) staining of HeLa (A) and Jurkat (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05307 (3.8µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.