

#### **International Office**

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# EB12085 - Goat Anti-IL-17D (aa55-65) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: IL17D, interleukin 17D, IL-17D, IL-22, IL-27, IL27, interleukin 27,

interleukin-17D, interleukin-27 **Official Symbol:** IL17D

Accession Number(s): NP\_612141.1

Human GeneID(s): 53342

Non-Human GenelD(s): 239114 (mouse)

### **Immunogen**

Peptide with sequence C-HHTLQLGPREQ, from the internal region of the protein sequence according to NP\_612141.1.

Please note the <u>peptide</u> 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 1:16000.

**Western blot:** Approx 20 and 23kDa bands observed in Human Brain (Frontal Cortex) lysates (calculated MW of 21.9kDa according to NP\_612141.1). The observed 23kDa band corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse



EB12085 ( $1\mu g/ml$ ) staining of Human Frontal Cortex lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.