

Goat anti-IL-17D (aa55-65) Antibody

Item Number	dAP-3247
Target Molecule	Principle Name: IL-17D (aa55-65); Official Symbol: IL17D; All Names and Symbols: IL17D; interleukin 17D; IL-17D; IL-22; IL-27; IL27; interleukin 27; interleukin-17D; interleukin-27; Accession Number (s): NP_612141.1; Human Gene ID(s): 53342; Non-Human GeneID(s): 239114 (mouse)
Immunogen	HHTLQLGPREQ, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	
Reference	Reference(s): Guzzo C, Ayer A, Basta S, Banfield BW, Gee K. IL-27 enhances LPS-induced proinflammatory cytokine production via upregulation of TLR4 expression and signaling in human monocytes. <i>J Immunol.</i> 2012 Jan 15;188(2):864-73. Epub 2011 Dec 7..PMID: 22156348->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**