

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

<b>Item Number</b>	dAP-3247
<b>Target Molecule</b>	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)
<b>Immunogen</b>	HHTLQLGPREQ, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. J Immunol. 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 ender users! This product is sold for **Research Use Only**