

Goat anti-IL18 Antibody

Item Number	dAP-1823
Target Molecule	Principle Name: IL18; Official Symbol: IL18; All Names and Symbols: IL18; interleukin 18 (interferon-gamma-inducing factor); IGF; IL-18; IL-1g; IL1F4; MGC12320; IL-1 gamma; interferon-gamma-inducing factor; interleukin 18; interleukin-1 gamma; interleukin-18; Accession Number (s): NP_001553.1; NP_001230140.1; Human Gene ID(s): 3606; Non-Human GenID(s): 29197 (rat)
Immunogen	NPPDNIKDTKSDI, is from internal region This antibody is expected to recognise both reported isoforms (NP_001553.1; NP_001230140.1).
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 32000.
Western Blot	Western Blot: Approx 23kDa band observed in lysates of cell line HeLa (calculated MW of 22.3kDa according to NP_001553.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): An P, Thio CL, Kirk GD, Donfield S, Goedert JJ, Winkler CA, Regulatory polymorphisms in the interleukin-18 promoter are associated with hepatitis C virus clearance. The Journal of infectious diseases 2008 Oct 198 (8): 1159-65.. PMID: 18781864->

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**