

Goat anti-INDO / IDO Antibody

Item Number	dAP-0765
Target Molecule	Principle Name: INDO / IDO; Official Symbol: IDO1; All Names and Symbols: IDO1; INDO; indoleamine-pyrrole 2,3 dioxygenase; HGNC:6059; CD107B; IDO; Indoleamine 2,3-dioxygenase; indole 2,3-dioxygenase; Accession Number (s): NP_002155.1; Human Gene ID(s): 3620; Non-Human GeneID(s):
Immunogen	CVLANWKKKDPNK, 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 128000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Lymph Node, Spleen and Placenta lysates (calculated MW of 45.3kDa according to NP_002155.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on
IHC	
Reference	Reference(s): Munn DH, Sharma MD, Baban B, Harding HP, Zhang Y, Ron D, Mellor AL. GCN2 kinase in T cells mediates proliferative arrest and anergy induction in response to indoleamine 2,3-dioxygenase. Immunity. 2005 May;22(5):633-42. .PMID: 15894280 ->

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**