

Goat anti-INDOL1 Antibody

Item Number	dAP-1850
Target Molecule	Principle Name: INDOL1; Official Symbol: IDO2; All Names and Symbols: IDO2; indoleamine 2,3-dioxygenase 2; INDOL1; indoleamine 2,3-dioxygenase-like 1 protein; indoleamine-pyrrole 2,3 dioxygenase-like 1; Accession Number (s): NP_919270.2; Human Gene ID(s): 169355; Non-Human GeneID(s):
Immunogen	RDKTLESILHPR, is from C Terminus
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 64000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Kidney lysates (calculated MW of 47.07kDa according to NP_919270.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Metz R, Duhadaway JB, Kamasani U, Laury-Kleintop L, Muller AJ, Prendergast GC. Novel tryptophan catabolic enzyme IDO2 is the preferred biochemical target of the antitumor indoleamine 2,3-dioxygenase inhibitory compound D-1-methyl-tryptophan. Cancer research 2007 Aug 67 (15): 7082-

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**