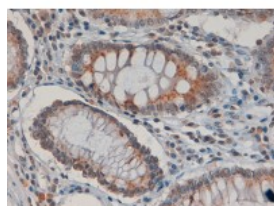


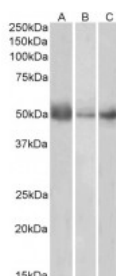


INDO Antibody

CATALOG NUMBER: 45-773



Immunohistochemistry (4ug/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



Western Blot (0.5ug/ml) staining of Human Lymph Node (A), Spleen (B) and Placenta (C) lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:128000. 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: 0.5-1.5ug/ml. Immunohistochemistry: In paraffin embedded Human Colon shows textured staining in the cytoplasm of absorptive cells. Recommended concentration, 4-6ug/ml. Data obtained from previous batch (different goat).
IMMUNOGEN:	INDO antibody was raised against a 13 amino acid synthetic peptide near the internal region of INDO.
HOST SPECIES:	Goat

Properties

PURIFICATION:	INDO antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	INDO antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	INDO, indoleamine-pyrrole 2, 3 dioxygenase, HGNC:6059, CD107B, IDO, Indoleamine 2, 3-dioxygenase, indole 2, 3-dioxygenase, INDO
ACCESSION NO.:	NP_002155.1
PROTEIN GI NO.:	4504577

OFFICIAL SYMBOL: IDO1

GENE ID: 3620

Background

REFERENCES: 1) 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.

FOR RESEARCH USE ONLY

December 13, 2016