

## Anti-INDO(Indoleamine 2,3-dioxygenase) Polyclonal Antibody

Cat. #: 60B107

### Description:

Gamma-interferon (IFNG) has an antiproliferative effect on many tumor cells and inhibits intracellular pathogens such as Toxoplasma and Chlamydia, at least partly because of the induction of indoleamine 2,3-dioxygenase (INDO). This enzyme catalyzes the degradation of the essential amino acid L-tryptophan to N-formylkynurenine. Induction of IDO in airway epithelial-like tumor cells by exposure to IFN-gamma markedly amplifies IL-6 and IL-8 responses via depletion of tryptophan from the culture medium.

### Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to Middle residues of human INDO (Indoleamine 2,3-dioxygenase)

### References

- Littlejohn, T.K., et al, J. Biol. Chem. 278 (32), 29525-29531 (2003)  
van Wissen, M., et al, J. Immunol. 169 (12), 7039-7044 (2002)  
Mirani, M., et al, J. Immunol. 169 (11), 6361-6368 (2002)  
Munn, D.H., et al, Science 297 (5588), 1867-1870 (2002)  
Terness, P., et al, J. Exp. Med. 196 (4), 447-457 (2002)  
Barcelo-Batllori, S., et al, Proteomics 2 (5), 551-560 (2002)  
Terentis, A.C., et al, J. Biol. Chem. 277 (18), 15788-15794 (2002)  
Munn, D.H., et al, Science 281 (5380), 1191-1193 (1998)  
Burkin, D.J., et al, Genomics 17 (1), 262-263 (1993)

Clone Number:

Isotype:

Species: human

Storage and Stability: at -20°C

### Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

### Preparation:

Purified by antigen-specific affinity chromatography.

### Applications :

ELISA

Western Blotting (1 µg/ml for 2hrs)