

IDO 2 polyclonal antibody

Catalog: BZ16211

Host: Rabbit

Reactivity: Human

BackGround:

INDOL1 is also known as IDO2 (indoleamine 2,3-dioxygenase 2) and is a 407 amino acid protein that is expressed in various tissues, including liver, small intestine, spleen, placenta, thymus, lung, brain, kidney, colon and dendritic cells. INDOL1 is selectively inhibited by D-1MT (1-methyl-d-tryptophan), which also inhibits IDO (indoleamine 2,3-dioxygenase) and is significant because IDO expression causes suppression of T cell responses to tumors in dendritic cells. The inhibition of INDOL1 by D-1MT suggests a common function in immunomodulation. In the human INDOL1 gene, two single nucleotide polymorphisms have been detected which abolish the enzymatic function of INDOL1.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 47 kDa; Observed MW: 47 kDa

Swiss-Prot:

Q6ZQW0

Purification&Purity:

Affinity Purified

Applications:

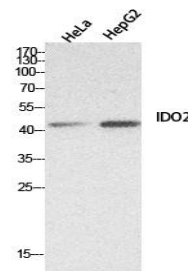
WB: 1/500-1/1000 ELISA: 1/10000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of IDO 2 in HeLa, HepG2 lysates using IDO 2 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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