色氨酸 2,3 双加氧酶抗体

产品货号： mlR18537

英文名称： TDO2/tryptophan 2,3-dioxygenase

中文名称： 色氨酸 2,3 双加氧酶抗体

别　　名： tryptophan 2,3-dioxygenase; 3-dioxygenase; T23O_HUMAN; TDO 2; TDO; tdo2; TO; TPH2; TRPO; Tryptamin 2 3 dioxygenase; Tryptamin 2; Tryptophan 2 3 dioxygenase; Tryptophan 2; Tryptophan oxygenase; Tryptophan pyrrolase; Tryptophanase.

研究领域： 肿瘤　细胞生物　信号转导　新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Horse,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 48kDa

细胞定位： 细胞浆 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原 ： KLH conjugated synthetic peptide derived from human TDO2/tryptophan 2,3-dioxygenase:301-406/406

亚　　型 ： IgG

纯化方法 ： affinity purified by Protein A

储 存 液 ： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 ： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 ： This gene encodes a heme enzyme that plays a critical role in tryptophan metabolism by catalyzing the first and rate-limiting step of the kynurenine pathway. Increased activity of the encoded protein and subsequent kynurenine production may also play a role in cancer through the suppression of antitumor immune responses, and single nucleotide polymorphisms in this gene may be associated with autism. [provided by RefSeq, Feb 2012]

Function:

Incorporates oxygen into the indole moiety of tryptophan. Has a broad specificity towards tryptamine and derivatives including D- and L-tryptophan, 5-hydroxytryptophan and serotonin

Subunit:

Homotetramer (By similarity).

Similarity:

Belongs to the tryptophan 2,3-dioxygenase family.

SWISS:

P48775

Gene ID:

6999

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.