

TDO2 Rabbit pAb

货号: **AYP13052**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	IHC: Homo sapiens WB: Homo sapiens
应用	WB IF/ICC
推荐浓度	WB: 1:1000 - 1:5000 IF/ICC: 1:50 - 1:200
理论分子量	47kDa
实测分子量	48KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HUH-7
细胞定位	cytosol
纯化	Affinity purification

抗原信息

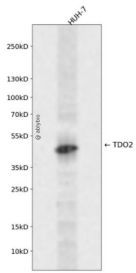
抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human TDO2 (NP_005642.1).
序列	GHVRDERNMLKVVSRRMHRVSVILKLLVQQFSILETMTALDFNDFREYLSPASGFQSLQFRLLLENKIGVLQNMRRVPYNRRHYRDNFKGEENELLLKSEQKT

靶点信息

研究背景	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.
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基因ID	6999
基因名	TDO2
Swiss	P48775
别名	TDO2;TDO;TO;TPH2;TRPO;tryptophan 2

产品验证



Western blot analysis of TDO2 expressed in HUH-7 using TDO2 Rabbit pAb at 1:1000. Secondary antibody : HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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