

TDO2

Reactivity:Human Mouse

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:47kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human TDO2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

TO; TDO; TPH2; TRPO;

Catalog #:A6766

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:6999

Isotype:IgG

Swiss Prot:P48775

Purity:Affinity purification

For research use only.

Background:

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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