

DATASHEET

TDO2 Rabbit Polyclonal Antibody

CAT. NO. APA17081

KEY FEATURES

Target	TDO2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Heme-dependent dioxygenase that catalyzes the oxidative cleavage of the L-tryptophan (L-Trp) pyrrole ring and converts L-tryptophan to N-formyl-L-kynurenine. Catalyzes the oxidative cleavage of the indole moiety.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

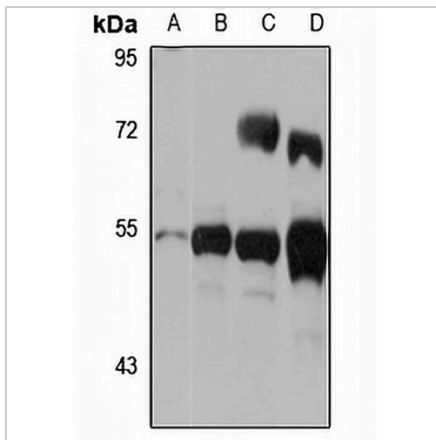
Description	Rabbit polyclonal antibody to TDO2
Specificity	Recognizes endogenous levels of TDO2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TDO2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 47 kD; Observed: 48 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	TDO; Tryptophan 2 3-dioxygenase; TDO; Tryptamin 2 3-dioxygenase; Tryptophan oxygenase; TO; TRPO; Tryptophan pyrrolase; Tryptophanase
Gene Symbol	TDO2
Entrez Gene	6999(Human); 56720(Mouse); 64206(Rat)
SwissProt	P48775(Human); P48776(Mouse); P21643(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of TDO2 expression in HT29 (A), mouse liver (B), mouse kidney (C), rat liver (D) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 48 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.