



# Anti-IDO1 polyclonal antibody (DPAB-DC694)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	IDO1 (indoleamine 2,3-dioxygenase 1) is a protein-coding gene. Diseases associated with IDO1 include toxic oil syndrome, and chronic active epstein-barr virus infection, and among its related super-pathways are Tryptophan metabolism and Metabolic pathways. GO annotations related to this gene include electron carrier activity and indoleamine 2,3-dioxygenase activity. An important paralog of this gene is IDO2.
<b>Immunogen</b>	A synthetic peptide corresponding to mouse Ido1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate),
<b>Format</b>	Liquid
<b>Size</b>	150 µg
<b>Buffer</b>	In PBS (0.1% proclin, 2.0% Block Ace)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [Ido1 indoleamine 2,3-dioxygenase 1 \[ Mus musculus \(house mouse\) \]](#)

<b>Official Symbol</b>	IDO1
<b>Synonyms</b>	IDO1; indoleamine 2,3-dioxygenase 1; Ido; Indo; IDO-1; indole 2,3-dioxygenase; indoleamine-pyrrole 2,3 dioxygenase; indoleamine-pyrrole 2,3-dioxygenase;
<b>Entrez Gene ID</b>	<a href="#">15930</a>
<b>Protein Refseq</b>	<a href="#">NP_001280619</a>
<b>UniProt ID</b>	<a href="#">D3YXV1</a>
<b>Chromosome Location</b>	8 A2; 8
<b>Pathway</b>	African trypanosomiasis; Metabolism; NAD biosynthesis II (from tryptophan); Tryptophan metabolism
<b>Function</b>	amino acid binding; dioxygenase activity; heme binding; indoleamine 2,3-dioxygenase activity