

INDOL1 Polyclonal Antibody
Catalog # AP73698**Specification**

INDOL1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q6ZQW0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

INDOL1 Polyclonal Antibody - Additional Information**Gene ID** 169355**Other Names**

IDO2; INDOL1; Indoleamine 2, 3-dioxygenase 2; IDO-2; Indoleamine 2, 3-dioxygenase-like protein 1; Indoleamine-pyrrole 2, 3-dioxygenase-like protein 1

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

INDOL1 Polyclonal Antibody - Protein Information**Name** IDO2 ([HGNC:27269](#))**Function**

Catalyzes the first and rate limiting step of the catabolism of the essential amino acid tryptophan along the kynurenine pathway (PubMed:17671174). Involved in immune regulation. May not play a significant role in tryptophan-related tumoral resistance (PubMed:25691885).

Tissue Location

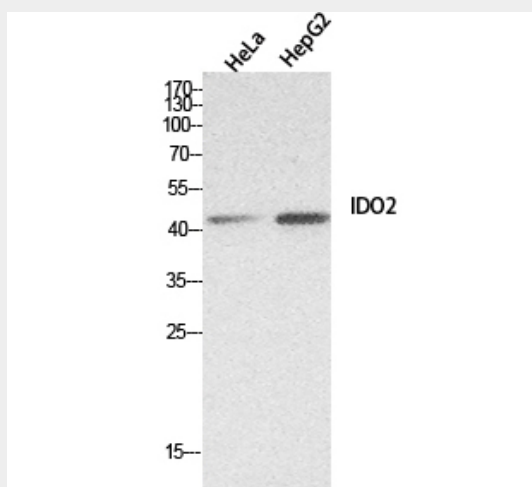
Detected in liver, small intestine, spleen, placenta, thymus, lung, brain, kidney, and colon (PubMed:17671174) Also expressed at low level in testis and thyroid. Not expressed in the majority of human tumor samples (>99%) (PubMed:25691885)

INDOL1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

INDOL1 Polyclonal Antibody - Images



INDOL1 Polyclonal Antibody - Background

Catalyzes the first and rate limiting step of the catabolism of the essential amino acid tryptophan along the kynurenine pathway (PubMed:17671174). Involved in immune regulation. May not play a significant role in tryptophan-related tumoral resistance (PubMed:25691885).