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# Anti-IDO2 / INDOL1 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18421

## Product Information

| | |
|---|---|
| **Application** | WB, IHC-P |
| **Primary Accession** | Q6ZQW0 |
| **Predicted** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 45424 |
| **Concentration (mg/ml)** | 1 mg/ml |

## Additional Information

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|---|---|
| **Gene ID** | 169355 |
| **Alias Symbol** | IDO2 |
| **Other Names** | IDO2, IDO-2, Indoleamine 2, 3-dioxygenase 2, INDOL1 |
| **Target/Specificity** | Recognizes endogenous levels of IDO2 protein. |
| **Reconstitution & Storage** | Immunoaffinity purified |
| **Precautions** | Anti-IDO2 / INDOL1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **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) |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.