

## Datasheet for ABIN7641586 **anti-IARS antibody**

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### Overview

Quantity:	100 µL
Target:	IARS
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Purpose:	Polyclonal Antibody to Isoleucyl tRNA Synthetase (IARS)
Immunogen:	RPD004Hu01Recombinant Isoleucyl tRNA Synthetase (IARS)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IARS. It has been selected for its ability to recognize IARS in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

### Target Details

Target:	IARS
Alternative Name:	IARS ( <a href="#">IARS Products</a> )
Background:	IARS1, ILRS, OJ, IleRS, IRS, Isoleucine tRNA Ligase 1, Cytoplasmic

## Target Details

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UniProt: [P41252](#)

## Application Details

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Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.