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Datasheet for ABIN2785973
anti-IARS antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	IARS
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Rabbit, Pig, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IARS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human IARS
Sequence:	SKHKPKFTFY DGPPFATGLP HYGHILAGTI KDIVTRYAHQ SGFHVDRRFG
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 93%, Rat: 86%, Yeast: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against IARS. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	IARS
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Target Details

Alternative Name:	IARS (IARS Products)
Background:	<p>Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first prot</p> <p>Alias Symbols: FLJ20736, IARS1, ILRS, PRO0785, IRS, ILERS</p> <p>Protein Interaction Partner: UBC, MDM2, SART3, AURKA, SUMO2, SUMO3, STAU1, LGR4, AIMP2, RPLP0, RPL38, RPL24, RPL23A, RPL18, RPL15, QARS, NMT1, MARS, MAP4, HNRNPA2B1, EPRS, DARS, AIMP1, HNRNPUL2, LARS, RPS27L, IGF2BP3, SYNCRIP, EEF1E1, FBXO6, EGFR, UBD, ITGA4, FN1, METTL18, gag, VCAM1</p> <p>Protein Size: 1262</p>
Molecular Weight:	144 kDa
Gene ID:	3376
NCBI Accession:	XM_001126273 , NP_038203
UniProt:	P41252

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1262 AA
Restrictions:	For Research Use only

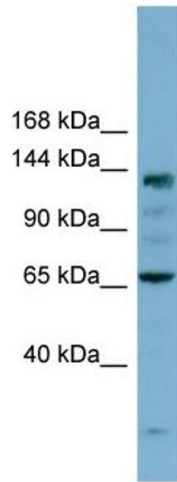
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-IARS Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: COLO205 cell lysate IARS is supported by BioGPS gene expression data to be expressed in COLO205