

Datasheet for ABIN571092  
**anti-RARS antibody (Internal Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	RARS
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RARS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	RARS
Immunogen:	Peptide with sequence C-SLQAERNKPTKN, from the internal region of the protein sequence according to NP_002878.2.
Sequence:	SLQAERNKPT KN
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	RARS
Alternative Name:	RARS ( <a href="#">RARS Products</a> )
Background:	RARS, arginyl-tRNA synthetase, ArgRS, DALRD1, MGC8641, arginine tRNA ligase 1, cytoplasmic
Gene ID:	5917, 104458, 287191
NCBI Accession:	<a href="#">NP_002878</a>

## Application Details

Application Notes:	Western Blot: Approx 75 kDa band observed in lysates of HeLa and HepG2 (calculated MW of 75.4 kDa according to NP_002878.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN571092 (1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.