Datasheet for ABIN519648

anti-RARS antibody (AA 1-660)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	RARS
Binding Specificity:	AA 1-660
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RARS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant RARS.
Immunogen:	RARS (AAH00528, 1 a.a. ~ 660 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MDVLVSECSA RLLQQEEEIK SLTAEIDRLK NCGCLGASPN LEQLQEENLK LKYRLNILRK SLQAERNKPT KNMINIISRL QEVFGHAIKA AYPDLENPPL LVTPSQQAKF GDYQCNSAMG ISQMLKTKEQ KVNPREIAEN ITKHLPDNEC IEKVEIAGPG FINVHLRKDF VSEQLTSLLV NGVQLPALGE NKKVIVDFSS PNIAKEMHVG HLRSTIIGES ISRLFEFAGY DVLRLNHVGD WGTQFGMLIA HLQDKFPDYL TVSPPIGDLQ VFYKESKKRF DTEEEFKKRA YQCVVLLQGK NPDITKAWKL ICDVSRQELN KIYDALDVSL IERGESFYQD RMNDIVKEFE DRGFVQVDDG RKIVFVPGCS IPLTIVKSDG GYTYDTSDLA AIKQRLFEEK ADMIIYVVDN GQSVHFQTIF AAAQMIGWYD PKVTRVFHAG FGVVLGEDKK KFKTRSGETV RLMDLLGEGL KRSMDKLKEK ERDKVLTAEE LNAAQTSVAY GCIKYADLSH NRLNDYIFSF DKMLDDRGNT AAYLLYAFTR

Product Details

	IRSIARLANI DEEMLQKAAR ETKILLDHEK EWKLGRCILR FPEILQKILD DLFLHTLCDY IYELATAFTE FYDSCYCVEK DRQTGKILKV NMWRMLLCEA VAAVMAKGFD ILGIKPVQRM
Clone:	1A2
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

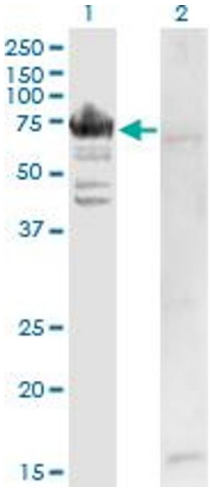
Target:	RARS
Alternative Name:	RARS (RARS Products)
Background:	Full Gene Name: arginyl-tRNA synthetase Synonyms: ArgRS,DALRD1,MGC8641
Gene ID:	5917

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

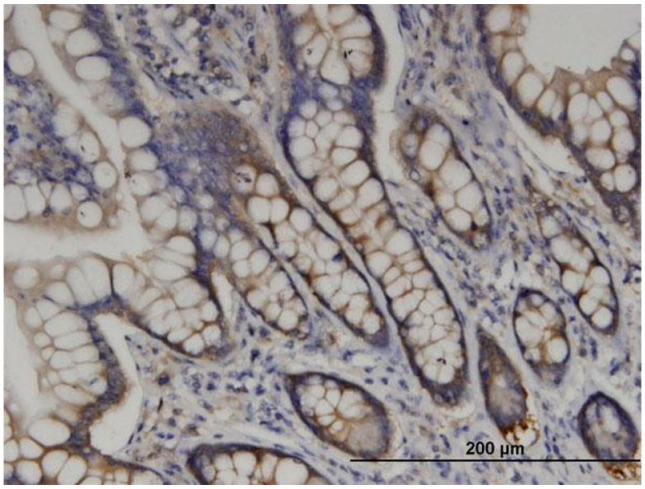


Western Blotting

Image 1. Western Blot analysis of RARS expression in transfected 293T cell line by RARS monoclonal antibody (M02), clone 1A2.

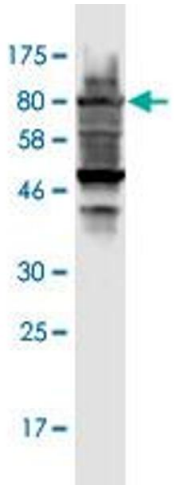
Lane 1: RARS transfected lysate(75.4 KDa).

Lane 2: Non-transfected lysate.



Immunostaining

Image 2. Immunoperoxidase of monoclonal antibody to RARS on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 1.5 ug/ml]



Western Blotting

Image 3. Western Blot detection against Immunogen (98.34 KDa) .