

Datasheet for ABIN2784674
anti-EARS2 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	EARS2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit, Rat, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EARS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EARS2
Sequence:	TAKHLLLYQA LGWQPPHFAH LPLLLNRDGS KLSKRQGDVF LEHFAADGFL
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 100%, Yeast: 91%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against EARS2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EARS2
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Target Details

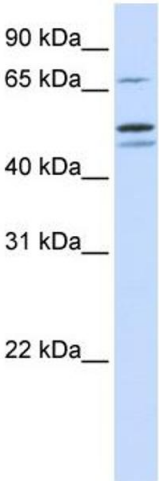
Alternative Name:	EARS2 (EARS2 Products)
Background:	<p>EARS2 belongs to the class-I aminoacyl-tRNA synthetase family. The function of the EARS2 protein is not known.</p> <p>Alias Symbols: KIAA1970, MSE1</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 523</p>
Molecular Weight:	59 kDa
Gene ID:	124454
NCBI Accession:	NM_001083614 , NP_001077083
UniProt:	Q86YH3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 523 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
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.



Western Blotting

Image 1. WB Suggested Anti-EARS2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: 721_B cell lysate