

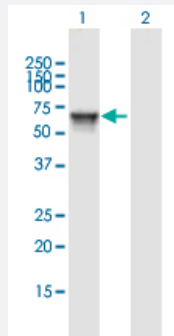
MaxPab®

KIAA1970 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00124454-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of EARS2 expression in transfected 293T cell line ([H00124454-T01](#)) by EARS2 MaxPab polyclonal antibody.

Lane 1: KIAA1970 transfected lysate(57.53 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KIAA1970 protein.
Immunogen	KIAA1970 (NP_597708.1, 1 a.a. ~ 523 a.a) full-length human protein.
Sequence	MAALLRRLQRRERPSAASGRPVGRREANLGTDAVAVRVRFAPSPTGFLHLGGLRTALYNYIFAK KYQGSFILREDDTDQTRVVPAAENIEDMLEWAGIPPDESPPRGGPAGPYQQSQRLELYAQATEA LLKTGAAYPCFCSPQRLELLKKEALRNHQTPRYDNRCRNMSQEQVAQKLAKDPKPAIRFRLEQV VPAFQDLVYGWNRHEVASVEGDPVIMKSDGFPTYHLACVDDHMHGISHVLRGSEWLSTAKHL LLYQALGWQPPHFAHLPLLLNRDGSKLSKRQGDVFLEHFAADGFLPDSLLDIITNCGSGFAENQM GRTLPELITQFNLTQVTCHSALLDLEKLPEFNRLHLQRLVSNESQRRQLVGKLQVLVEEAFGCQL QNRDVLNPVYVERILLRQGHICRLQDLVSPVYSYLWTRPAVGRAQLDAISEKVDVIKRVLGLLER SGMSLTQDMLNGELKKLSEGLEGTKYSNVMKLLRMALSGQQQGPVVAEMMLALGPKEVRERIQ KVVSS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — EARS2

Entrez GeneID[124454](#)**GeneBank Accession#**[NM_133451.1](#)**Protein Accession#**[NP_597708.1](#)**Gene Name**

EARS2

Gene Alias

KIAA1970, MSE1

Gene Description

glutamyl-tRNA synthetase 2, mitochondrial (putative)

Gene Ontology[Hyperlink](#)**Gene Summary**

O

Other Designations

glutamate tRNA ligase 2, mitochondrial (putative)|glutamyl tRNA synthetase 2

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Metabolic pathways](#)
- [Porphyrin and chlorophyll metabolism](#)