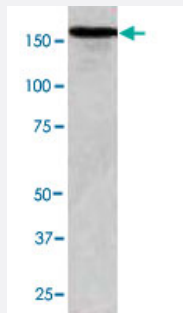


EPRS polyclonal antibody

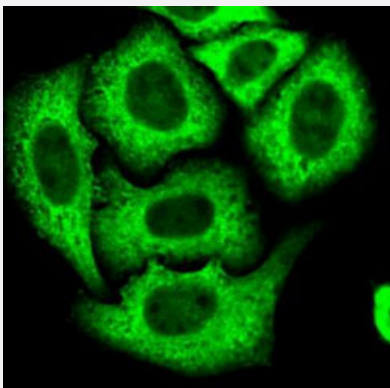
Catalog # PAB28518 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HEK293T cell lysate using EPRS polyclonal antibody (Cat # PAB28518).



Immunofluorescence

Immunofluorescence of HeLa cell line with EPRS polyclonal antibody (Cat # PAB28518).

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant EPRS.
Immunogen	Recombinant protein corresponding to amino acids 573-889 of human EPRS.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid

Recommend Usage	Western Blot (1:20000) Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HEK293T cell lysate using EPRS polyclonal antibody (Cat # PAB28518).

- Immunofluorescence

Immunofluorescence of HeLa cell line with EPRS polyclonal antibody (Cat # PAB28518).

Gene Info — EPRS

Entrez GeneID	2058
Gene Name	EPRS
Gene Alias	DKFZp313B047, EARS, GLUPRORS, PARS, PIG32, QARS, QPRS
Gene Description	glutamyl-prolyl-tRNA synthetase
Omim ID	138295
Gene Ontology	Hyperlink
Gene Summary	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene is a multifunctional aminoacyl-tRNA synthetase that catalyzes the aminoacylation of glutamic acid and proline tRNA species. Alternative splicing has been observed for this gene, but the full-length nature and biological validity of the variant have not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000035562 bifunctional aminoacyl-tRNA synthetase glutamate tRNA ligase glutamyl-tRNA synthetase glutamyl-prolyl tRNA synthetase proliferation-inducing protein 32 proline tRNA ligase proline-tRNA ligase prolyl-tRNA synthetase

Pathway

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

Disease

- [Tobacco Use Disorder](#)