

Rabbit EPRS Polyclonal Antibody | anti-EPRS antibody

EPRS antibody - middle region

CATALOG # AAA199663	HOST Rabbit	REACTIVITY Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

EPRS; Polyclonal Antibody; EPRS antibody - middle region; anti-EPRS antibody

PRODUCT SPECIFICATIONS

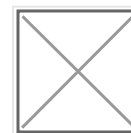
Host	Rabbit
Reactivity	Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: KS EKQNKPKQN DGQRKDPSKN QGGGLSSSGA GEGQGPKKQT RLGLEAKK
Sequence Length	1512
Applicable Applications for anti-EPRS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Horse: 79%; Human: 100%; Mouse: 79%; Pig: 83%; Rabbit: 79%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human EPRS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-EPRS Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:62500
 Positive Control: PANC1 cell lysate
 EPRS is strongly supported by BioGPS gene expression data to be expressed in Human PANC1 cells



IHC (Immunohistochemistry)

Rabbit Anti-EPRS Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Testis
 Tissue Observed Staining: Cytoplasm in spermatogonia and Leydig cells
 Primary Antibody Concentration: N/A
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-EPRS antibody	This is a rabbit polyclonal antibody against EPRS. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. EPRS is a multifunctional aminoacyl-tRNA synthetase that catalyzes the aminoacylation of glutamic acid and proline tRNA species.
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Product Categories/Family for anti-EPRS antibody

Polyclonal; RNA Binding Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	62241042
NCBI GeneID	2058
NCBI Accession #	NP_004437
NCBI GenBank Nucleotide #	NM_004446
UniProt Accession #	P07814
Molecular Weight	170kDa
NCBI Official Full Name	bifunctional glutamate/proline--tRNA ligase
NCBI Official Synonym Full Names	glutamyl-prolyl-tRNA synthetase
NCBI Official Symbol	EPRS
NCBI Official Synonym Symbols	EARS; PARS; QARS; QPRS; HLD15; PIG32; GLUPRORS
NCBI Protein Information	bifunctional glutamate/proline--tRNA ligase
UniProt Protein Name	Bifunctional glutamate/proline--tRNA ligase
UniProt Gene Name	EPRS
UniProt Synonym Gene Names	GLNS; PARS; QARS; QPRS; GluRS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eprs-antibody-immunohistochemistry-western-blot-elisa/199663>