

## Datasheet for ABIN7639555

### anti-EPRS antibody



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#### Overview

Quantity:	100 µL
Target:	EPRS
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPRS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Glutamyl Prolyl tRNA Synthetase (EPRS)
Immunogen:	RPD008Mu01Recombinant Glutamyl Prolyl tRNA Synthetase (EPRS)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against EPRS. It has been selected for its ability to recognize EPRS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

#### Target Details

Target:	EPRS
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## Target Details

Alternative Name:	EPRS ( <a href="#">EPRS Products</a> )
Background:	PARS, EARS, PIG32, QPRS, QARS, Bifunctional Aminoacyl-TRNA Synthetase, Glutamate tRNA Ligase, Proline tRNA Ligase, Cell proliferation-inducing gene 32 protein
UniProt:	<a href="#">Q8CGC7</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.