

Datasheet for ABIN391816
anti-EPRS antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	EPRS
Binding Specificity:	AA 285-314, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPRS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This EPRS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 285-314 amino acids from the N-terminal region of human EPRS.
Clone:	RB14633
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	EPRS
Alternative Name:	EPRS (EPRS Products)

Target Details

Background: 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.

Molecular Weight: 170591

Gene ID: 2058

NCBI Accession: [NP_004437](#)

UniProt: [P07814](#)

Application Details

Application Notes: WB: 1:8000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

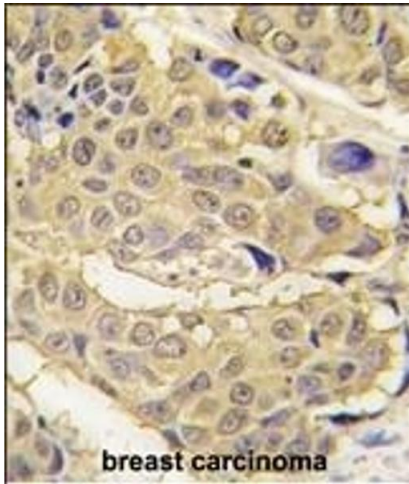
Preservative: Sodium azide

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

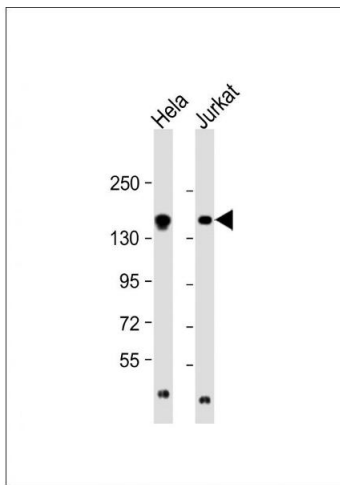
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with EPRS antibody (N-term) (ABIN391816 and ABIN2841664), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. All lanes : Anti-EPRS Antibody (N-term) at 1:8000 dilution Lane 1: HeLa whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 171 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.