

**Phospho-Paxillin (Ser272) Rabbit Polyclonal Antibody****Catalog #: EAB14471**

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, ELISA	65	Human, Mouse, Rat

**Applications Dilutions**

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>WB</b> (Western Blotting)	1:500-2000
<b>ELISA</b> (Enzyme-linked Immunosorbent Assay)	1:5000-20000

**Product Information**

<b>Conjugate</b>	Unconjugate
<b>Specificity</b>	Phospho-Paxillin (Ser272) Rabbit Polyclonal Antibody detects endogenous levels of paxillin protein only when phosphorylated at Ser272.
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1mg/ml
<b>Format</b>	Liquid
<b>Formulation</b>	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
<b>Shipping</b>	Gel Pack
<b>Storage</b>	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
<b>UniProt ID</b>	<a href="#">P49023</a>
<b>Entrez-Gene Id</b>	<a href="#">5829</a>

**Product Description**

Paxillin is a focal adhesion phosphoprotein that is localized to the cytoskeleton. Phosphorylation of paxillin has been shown to occur in response to PDGF treatment, v-src transformation or cross-linking of integrins. Paxillin may play a role in signal transduction, regulation of cell morphology and the recruitment of structural and signaling molecules to focal adhesions. It has been shown that the amount of paxillin is reduced in mitotic cells by proteolytic downregulation and that paxillin is alternatively phosphorylated on serine rather than on tyrosine and serine during mitosis.

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