



# PAR4 rabbit pAb

Cat No.:ES3147

For research use only

## Overview

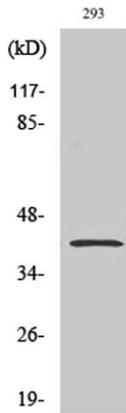
<b>Product Name</b>	PAR4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat;Cow
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Prostate Apoptosis Response protein-4. AA range:291-340
<b>Specificity</b>	PAR4 Polyclonal Antibody detects endogenous levels of PAR4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	PRKC apoptosis WT1 regulator protein
<b>Gene Name</b>	PAWR
<b>Cellular localization</b>	Cytoplasm. Nucleus. Mainly cytoplasmic in absence of apoptosis signal and in normal cells. Nuclear in most cancer cell lines. Nuclear entry seems to be essential but not sufficient for apoptosis (By similarity). Nuclear localization includes nucleoplasm a
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	36kD
<b>Human Gene ID</b>	5074
<b>Human Swiss-Prot Number</b>	Q96IZ0
<b>Alternative Names</b>	PAWR; PAR4; PRKC apoptosis WT1 regulator protein; Prostate apoptosis response 4 protein; Par-4





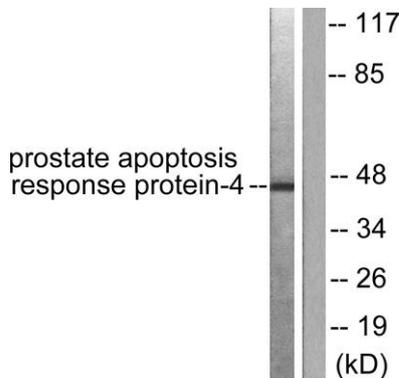
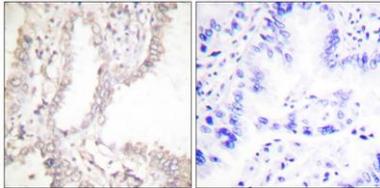
## Background

The tumor suppressor WT1 represses and activates transcription. The protein encoded by this gene is a WT1-interacting protein that itself functions as a transcriptional repressor. It contains a putative leucine zipper domain which interacts with the zinc finger DNA binding domain of WT1. This protein is specifically upregulated during apoptosis of prostate cells. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using PAR4 Polyclonal Antibody

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Prostate Apoptosis Response protein-4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using Prostate Apoptosis Response protein-4 Antibody. The lane on the right is blocked with the synthesized peptide.

