

# Peptidyl-prolyl cis-trans isomerase FKBP1A Polyclonal Antibody

Catalog No: #42342

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## Description

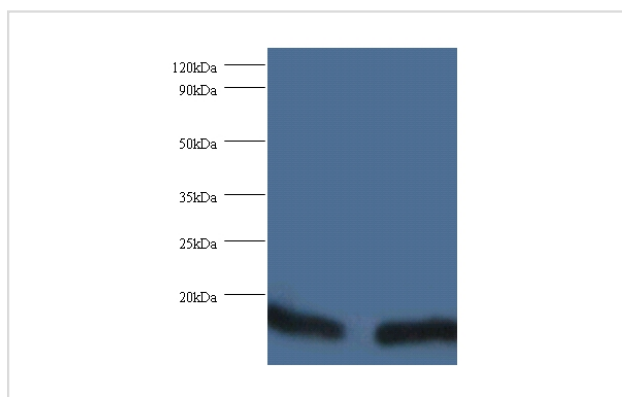
Product Name	Peptidyl-prolyl cis-trans isomerase FKBP1A Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Peptidyl-prolyl cis-trans isomerase FKBP1A polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Peptidyl-prolyl cis-trans isomerase FKBP1A protein
Target Name	Peptidyl-prolyl cis-trans isomerase FKBP1A
Other Names	FKBP1A
Accession No.	Swiss-Prot#: P62942
Uniprot	P62942
GeneID	2280;
Calculated MW	12kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □ 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

## Images



All lanes : Peptidyl-prolyl cis-trans isomerase FKBP1A antibody at 2ug/ml

Lane 1 : EC109 whole cell lysate

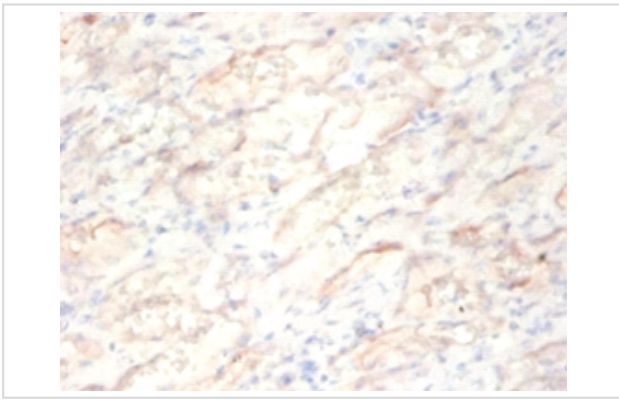
Lane 2 : 293T whole cell lysate

Secondary

Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size : 12 kDa

Observed band size: 12 kDa



Immunohistochemical analysis of paraffin-embedded human kidney using #42342 at dilution of 1:50.

## Background

May play a role in modulation of ryanodine receptor isoform-1 (RYR-1), a component of the calcium release channel of skeletal muscle sarcoplasmic reticulum. There are four molecules of FKBP12 per skeletal muscle RYR. PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

## References

[1]"Complementary DNA encoding the human T-cell FK506-binding protein, a peptidylprolyl cis-trans isomerase distinct from cyclophilin." Maki N., Sekiguchi F., Nishimaki J., Miwa K., Hayano T., Takahashi N., Suzuki M. Proc. Natl. Acad. Sci. U.S.A. 87:544

Note: This product is for in vitro research use only