

Product Datasheet

Anti-Cyclophilin A/PPIA Rabbit pAb



WL00258

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Cyclophilin A/PPIA Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat, Cow	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:50-1:200
Cellular localization	Cytoplasm, Nucleus, Secreted.	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Cyclophilin A, also named as PPIA and Rotamase A, belongs to the cyclophilin-type PPIase family and PPIase A subfamily. PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PPIA forms a trimolecular complex with cyclophilin and calcineurins to inhibit calcineurin phosphatase activity. The encoded protein is a cyclosporin binding-protein and may play a role in cyclosporin A-mediated immunosuppression.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Cyclophilin A/PPIA.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

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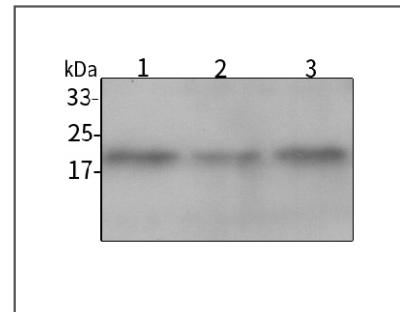
Anti-Cyclophilin A/PPIA Rabbit pAb



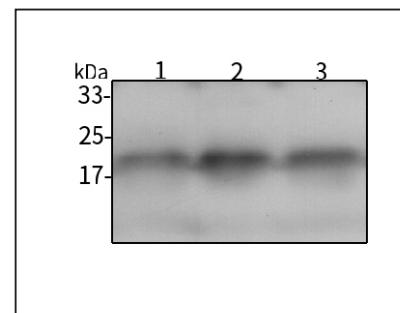
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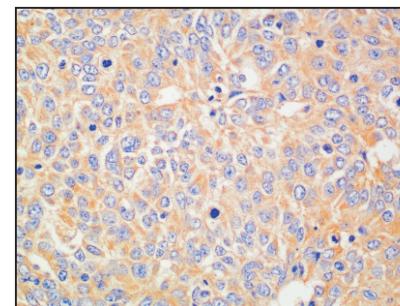
Product Images

**Western blot-Anti-Cyclophilin A/PPIA pAb**

Lane 1: Human MBA-MB-231 cell lysate
 Lane 2: Human A549 cell lysate
 Lane 3: Human HCT116 cell lysate
 All lanes: Anti-Cyclophilin A/PPIA at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 18 kDa
 Observed band size: 18 kDa

**Western blot-Anti-Cyclophilin A/PPIA pAb**

Lane 1: Mouse kidney tissue lysate
 Lane 2: Rat colon tissue lysate
 Lane 3: Rat lung tissue lysate
 All lanes: Anti-Cyclophilin A/PPIA at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 18 kDa
 Observed band size: 18 kDa

**Immunohistochemistry-Anti-Cyclophilin A/PPIA pAb**

Immunohistochemical analysis of paraffin-embedded human breast cancer using anti-Cyclophilin A/PPIA Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.

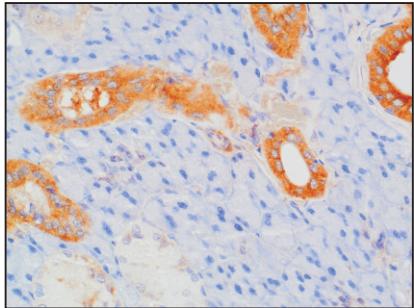
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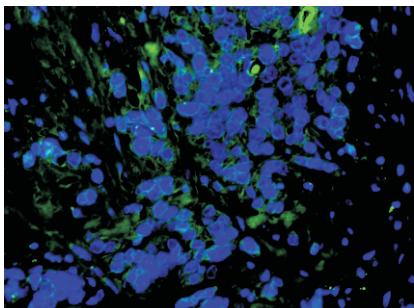
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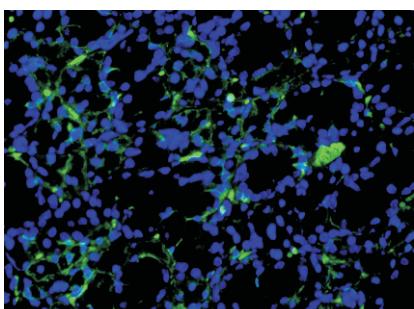
Immunohistochemistry-Anti-Cyclophilin A/PPIA pAb

Immunohistochemical analysis of paraffin-embedded rat salivary gland using anti-Cyclophilin A/PPIA Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunofluorescence-Anti-Cyclophilin A/PPIA pAb

Immunofluorescence analysis of paraffin-embedded human breast cancer using anti-Cyclophilin A/PPIA Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunofluorescence-Anti-Cyclophilin A/PPIA pAb

Immunofluorescence analysis of paraffin-embedded mouse salivary gland using anti-Cyclophilin A/PPIA Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.