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anti-PPIA antibody (Internal Region)

2 Images



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Overview

Quantity:	100 μg
Target:	PPIA
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PPIA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Cyclophilin A / PPIA
Immunogen:	Peptide with sequence C-ERFGSRNGKTSKK, from the internal region of the protein sequence according to NP_066953.1.
Sequence:	ERFGSRNGKT SKK
Isotype:	IgG
Specificity:	This product is expected to also recognise PPIAL (NP_001008741.1, GeneID: 388817) which is identical to PPIA (NP_066953.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details Verified Grade: **Target Details PPIA** Target: Alternative Name PPIA (PPIA Products) Background: PPIA, peptidylprolyl isomerase A (cyclophilin A), HGNC:9253, CYPA, CYPH, MGC12404, T cell cyclophilin, cyclosporin A-binding protein, peptidyl-prolyl cis-trans isomerase A, peptidylprolyl isomerase A, rotamase, MGC117158, MGC23397, PPlase A 5478 Gene ID: NCBI Accession: NP 066953 **Application Details Application Notes:** Western Blot: Approx.18 kDa band observed in Human Lymph Node lysates (calculated MW 18.0 kDa according to NP_066953.1). Recommended Concetration: 0.1-0.3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:8000. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. Sodium azide Preservative: Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Handling Advice: Minimize freezing and thawing. Storage: -20 °C Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

	250kDa	
	150kDa 100kDa	
	75kDa	
	50kDa	
	37kDa	
	25kDa	
	20kDa	
-		
	15kDa	
	250kDa	
150kDa 100kDa		
75kDa		
50kDa		
	37kDa	
- 33	2.2	
25kDa		
2	20kDa	
	51.0	
	15kDa	
1	0kDa	

Western Blotting

Image 1. ABIN185542 ($0.1\mu g/ml$) staining of Human Lymph Node lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.

Image 2. ABIN185542 (2μg/ml) staining of human lymph node lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.