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# Datasheet for ABIN5014057 anti-OPA3 antibody (AA 23-179)

3 Images



### Overview

Quantity:	100 µL
Target:	OPA3
Binding Specificity:	AA 23-179
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

### Product Details

Immunogen:	OPA3 (Leu23-Lys179)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against OPA3. It has been selected for its ability to recognize OPA3 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography

### Target Details

Target:	OPA3
Alternative Name:	Optic Atrophy 3 (OPA3) (OPA3 Products)
Background:	Alternative Names: MGA3, Recessive, With Chorea And Spastic Paraplegia, 3-Methylglutaconic

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#### Aciduria Type 3

## Application Details

Application Notes:	<ul> <li>Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal</li> </ul>				
	working dilutions must be determined by end user.				
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37&degC for 48h, and no obvious				
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.				
Restrictions:	For Research Use only				
Handling					
Format:	Liquid				
Concentration:	Lot specific				
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.				

### Images

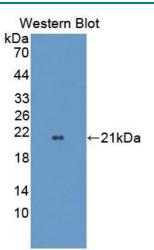


#### Western Blotting

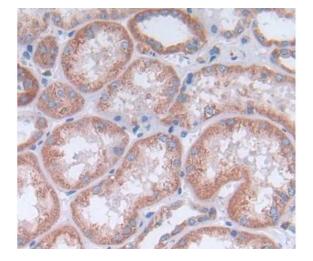
**Image 1.** Western Blot; Sample: Human Jurkat cell lysate; Primary Ab: 1µg/ml Rabbit Anti-Human OPA3 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

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### Images



Western Blotting								
Image	2.	Figure.	Western	Blot;	Sample:	Recombinant		
protein.								



### Immunohistochemistry

V

**Image 3.** Used in DAB staining on fromalin fixed paraffinembedded kidney tissue

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