

OPA1 Rabbit pAb (AR20010)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Rat,Mouse
Applications:	WB,ELISA
Isotype:	IgG
MW:	105D (Observed)

Recommended Dilution Ratios

WB:	1:500-2000
ELISA:	1:5000-20000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Polyclonal
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Immunogen Information

Specificity	OPA1 Polyclonal Antibody detects endogenous levels of protein.
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Target Information

Gene name	OPA1 KIAA0567
Protein Name	Dynamin-like 120 kDa protein, mitochondrial (Optic atrophy protein 1) [Cleaved into:Dynamin-like 120 kDa protein, form S1]

Organism	Gene ID	UniProt ID
Human	4976	O60313
Mouse		P58281
Rat		Q2TA68

Cellular Localization	Mitochondrion inner membrane ; Single-pass membrane protein . Mitochondrion intermembrane space . Mitochondrion membrane . Detected at contact sites between endoplasmic reticulum and mitochondrion membranes. .
Tissue specificity	Highly expressed in retina. Also expressed in brain, testis, heart and skeletal muscle. Isoform 1 expressed in retina, skeletal muscle, heart, lung, ovary, colon, thyroid gland,leukocytes and fetal brain. Isoform 2 expressed in colon, liver, kidney, thyroid gland and

leukocytes. Low levels of all isoforms expressed in a variety of tissues.

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