

Datasheet for ABIN7150842

anti-OPA1 antibody (AA 183-351) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	OPA1
Binding Specificity:	AA 183-351
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPA1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Dynamin-like 120 kDa protein, mitochondrial protein (183-351AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	OPA1
Alternative Name:	OPA1 (OPA1 Products)
Background:	Background: Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic

Target Details

processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space. May also play a role in mitochondrial genome maintenance.

Aliases: Dynamin like 120 kDa protein antibody, Dynamin like 120 kDa protein, mitochondrial antibody, Dynamin-like 120 kDa protein, form S1 antibody, FLJ12460 antibody, Juvenile kjer type optic atrophy antibody, KIAA0567 antibody, KJER type antibody, Large GTP binding protein antibody, largeG antibody, MGM1 antibody, Mitochondrial dynamin like 120 kDa protein antibody, Mitochondrial dynamin like GTPase antibody, NPG antibody, NTG antibody, OAK antibody, OPA 1 antibody, opa1 antibody, OPA1 gene antibody, OPA1_HUMAN antibody, Optic atrophy 1 (autosomal dominant) antibody, OPTIC ATROPHY 1 antibody, Optic atrophy 1 gene protein antibody, Optic atrophy 1 homolog (human) antibody, Optic atrophy protein 1 antibody, Optic atrophy protein 1 homolog antibody

UniProt: [O60313](#)

Pathways: [Tube Formation](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.