

## Rabbit Anti-OPA1 , Alexa Fluor® 750 conjugated antibody

SL11764R-AF750

<b>Product Name</b>	OPA1, Bodipy Fluor 750 conjugated
<b>Chinese Name</b>	AF750 标记的视神经萎缩相关蛋白 1 抗体
<b>Alias</b>	Dynamin like 120 kDa protein; Dynamin like 120 kDa protein, mitochondrial; Dynamin-like 120 kDa protein; Dynamin-like 120 kDa protein, form S1; FLJ12460; Juvenile kjer type optic atrophy; Juvenile kjer-type optic atrophy; KIAA0567; KJER type; Large GTP binding protein; largeG; MGM1; Mitochondrial dynamin like 120 kDa protein; Mitochondrial dynamin like GTPase; NPG; NTG; OAK; OPA 1; OPA1; OPA1 gene; OPA1_HUMAN; Optic atrophy 1 (autosomal dominant); OPTIC ATROPHY 1; Optic atrophy 1 gene protein; Optic atrophy 1 homolog (human); Optic atrophy protein 1; Optic atrophy protein 1 homolog.
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Rat(predicted:Human,Mouse,Dog,Pig,Cow,Horse,Rabbit,Sheep) IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	111kDa
<b>Cellular localization</b>	cytoplasmic The cell membrane
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human OPA1, Bodipy Fluor 750 conjugated
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw

cycles.

**Attention**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**PubMed**

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OPA1 is a 120kDa protein belonging to the dynamin family. The OPA1 gene has been localized to 3q29. The gene is targeted to mitochondria and is involved in mitochondrial biogenesis. Defects in OPA1 are a cause of optic atrophy type 1. OPA1 is mostly expressed in retina but can also be expressed in brain, testis, heart and skeletal muscle.

**SWISS:**  
O60313

**Gene ID:**  
4976

**Database links:**

[Entrez Gene: 424900](#) Chicken

[Entrez Gene: 4976](#) Human

[Entrez Gene: 74143](#) Mouse

[Entrez Gene: 171116](#) Rat

[Omim: 605290](#) Human

[SwissProt: O60313](#) Human

[SwissProt: P58281](#) Mouse

[SwissProt: Q2TA68](#) Rat

[Unigene: 594504](#) Human

[Unigene: 274285](#) Mouse

[Unigene: 9783](#) Rat

**Product Detail**