

Rabbit Anti-OPA1 , Alexa Fluor® 680 conjugated antibody

SL11764R-AF680

Product Name	OPA1, Bodipy Fluor 680 conjugated
Chinese Name	AF680 标记的视神经萎缩相关蛋白 1 抗体
Alias	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.
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat(predicted:Human,Mouse,Dog,Pig,Cow,Horse,Rabbit,Sheep) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	111kDa
Cellular localization	cytoplasmic The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human OPA1, Bodipy Fluor 680 conjugated
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	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.

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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