Datasheet for ABIN1411076

anti-OPA1 antibody (AA 651-750) (HRP)

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Overview

Quantity:	100 µL
Target:	OPA1
Binding Specificity:	AA 651-750
Reactivity:	Human, Mouse, Rat, Chicken, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPA1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OPA1
Isotype:	IgG
Cross-Reactivity:	Chicken, Human, Mouse, Rabbit, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	OPA1
Alternative Name:	OPA1 (OPA1 Products)

Target Details

Background:	Synonyms: SP17, NYD-SP17, Coiled-coil domain-containing protein 54, Testis development protein NYD-SP17, CCDC54 Background: OPA1 is a 120 kDa 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.
Gene ID:	84692
UniProt:	Q8NEL0
Pathways:	Tube Formation

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months