



Rabbit Anti-OXA1L antibody

SL17574R

Product Name:	OXA1L
Chinese Name:	OXA1L蛋白抗体
Alias:	HSA; Mitochondrial inner membrane protein OXA1L; OXA1; OXA1 like protein; OXA1-like protein; OXA1Hs; Oxa1l; OXA1L_HUMAN; Oxidase (cytochrome c) assembly 1 like; Oxidase assembly 1 like protein; Oxidase assembly 1-like protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	49kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human OXA1L:301-400/435
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Required for the insertion of integral membrane proteins into the mitochondrial inner membrane. Essential for the activity and assembly of cytochrome oxidase. Required for the correct biogenesis of ATP synthase and complex I in mitochondria.
	Subcellular Location:

Mitochondrion inner membrane.

Similarity:

Belongs to the OXA1/ALB3/YidC family.

SWISS:

Q15070

Gene ID:

5018

Database links:

[Entrez Gene: 480239](#) Dog

[Entrez Gene: 100719154](#) Guinea pig

[Entrez Gene: 100056354](#) Horse

[Entrez Gene: 5018](#) Human

[Entrez Gene: 69089](#) Mouse

[Entrez Gene: 100154992](#) Pig

[Entrez Gene: 691393](#) Rat

[Entrez Gene: 562963](#) Zebrafish

[Omim: 601066](#) Human

[SwissProt: Q3SYV3](#) Cow

[SwissProt: Q15070](#) Human

[SwissProt: Q8BGA9](#) Mouse

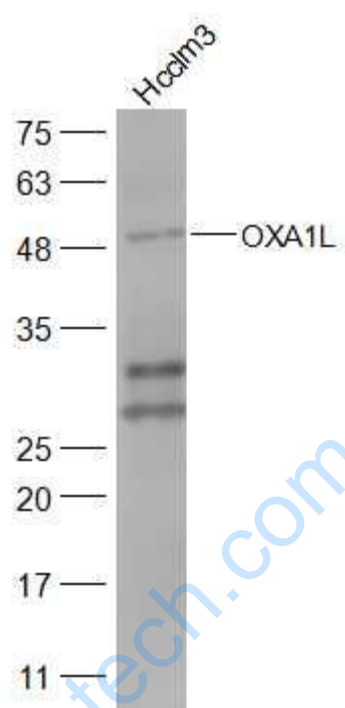
[Unigene: 151134](#) Human

[Unigene: 182340](#) Mouse

Important Note:

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

Picture:



Sample:

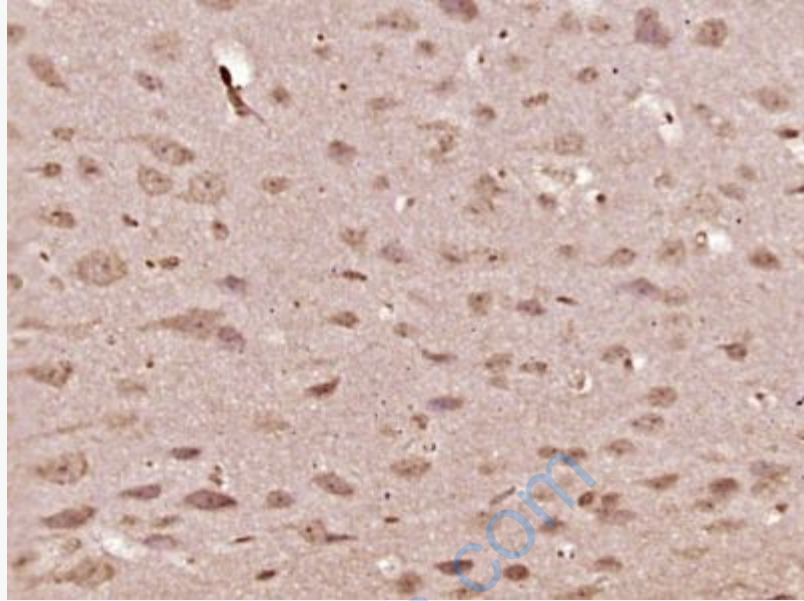
Hcclm3(Human) Cell Lysate at 30 ug

Primary: Anti-OXA1L (SL17574R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 49 kD

Observed band size: 49 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OXA1L) Polyclonal Antibody, Unconjugated (SL17574R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.