



## Rabbit Anti-MCART1 antibody

SL18715R

<b>Product Name:</b>	MCART1
<b>Chinese Name:</b>	MCART1 蛋白抗体
<b>Alias:</b>	CG7943; FLJ37273; SLC25A51; Solute carrier family 25 member 51; MCAR1_HUMAN; MCART 1; MCART1; MGC14836; Mitochondrial carrier triple repeat 1; Mitochondrial carrier triple repeat protein 1; OTTHUMP00000195034.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000IHC-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.
<b>Molecular weight:</b>	34kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human MCART1:61-160/297
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	MCARTs (mitochondrial carrier triple repeat protein) are mitochondrial multipass inner membrane proteins that contain three solcar repeats, which are typical of substrate carrier proteins involved in energy transfer.
	<b>Subcellular Location:</b>

Mitochondrion inner membrane.

**Similarity:**

Belongs to the mitochondrial carrier family.  
Contains 3 Solcar repeats.

**SWISS:**

Q9H1U9

**Gene ID:**

92014

**Database links:**

[Entrez Gene: 92014](#) Human

[Entrez Gene: 230125](#) Mouse

[SwissProt: Q9H1U9](#) Human

[SwissProt: Q5HZI9](#) Mouse

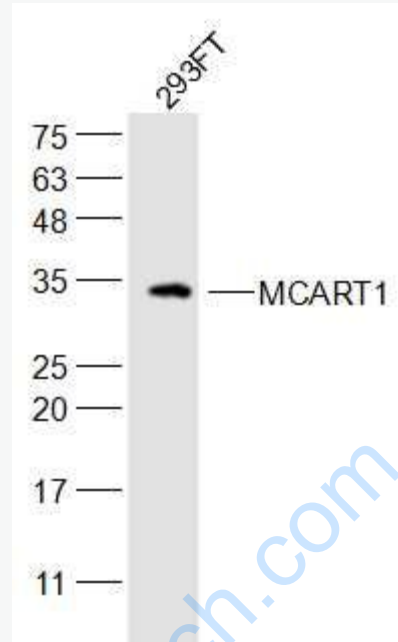
[Unigene: 645492](#) Human

[Unigene: 260210](#) Mouse

**Important Note:**

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

Picture:



Sample:

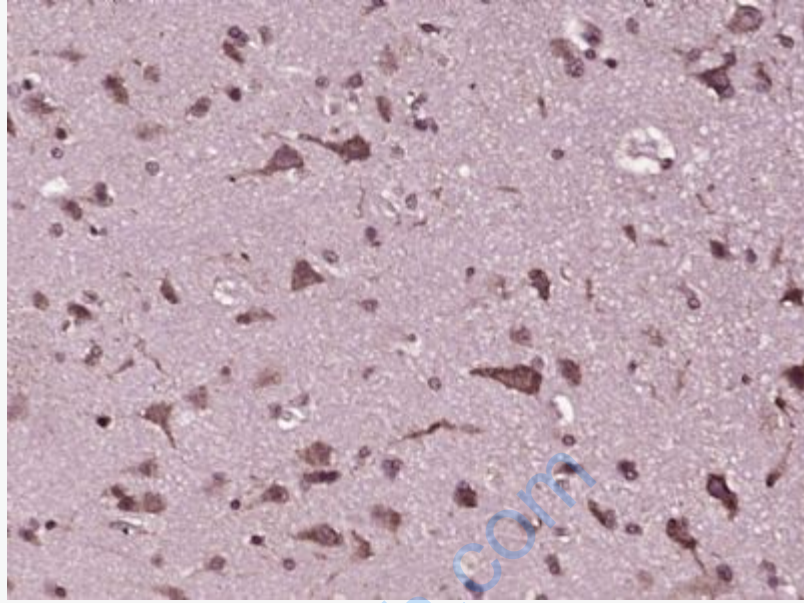
293FT(Human) Cell Lysate at 30 ug

Primary: Anti-MCART1 (SL18715R) at 1/300 dilution

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

Predicted band size: 34 kD

Observed band size: 34 kD



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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 (MCART1) Polyclonal Antibody, Unconjugated (SL18715R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.