SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FLJ36733 antibody

Catalog Number: SL16128R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FLJ36733
Immunogen:	KLH conjugated synthetic peptide derived from human FLJ36733: 51-150/297
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Dog,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	32kDa
Subcellular Location:	cytoplasmic Mitochondrion
Background:	This gene encodes a mitochondrial protein that function as a translational activator of mitochondrially-encoded cytochrome c oxidase 1. Mutations in this gene are associated with Leigh syndrome.[provided by RefSeq, Mar 2010] **Function:** Acts as a translational activator of mitochondrially-encoded cytochrome c oxidase 1. **Subcellular Location:** Mitochondrion. DISEASE: Defects in TACO1 are a cause of Leigh syndrome (LS) [MIM:256000]. LS is a severe neurological disorder characterized by bilaterally symmetrical necrotic lesions in subcortical brain regions that is commonly associated with systemic cytochrome c oxidase (COX) deficiency. **Similarity:** Belongs to the TACO1 family. **Database links:** **Entrez Gene:** 51204 Human

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

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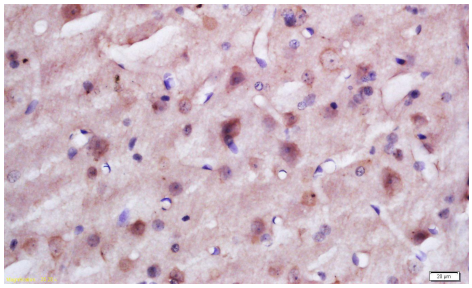
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	Omim: 612958 Human **SwissProt:** Q9BSH4 Human **Unigene:** 174134 Human

[VALIDATION IMAGES]



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-FLJ36733 Polyclonal Antibody, Unconjugated(SL16128R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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