

FLJ36733 Rabbit pAb

Catalog # AP99649

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BSH4
Other Accession	Q9BSH4
Reactivity	Rat
Predicted	Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32477
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FLJ36733
Epitope Specificity	51-150/297
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the TACO1 family.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	51204
Other Names	CCDC44; MC4DN8; TACO1_HUMAN; TACO1; Coiled-coil domain-containing protein 44; Translational activator of mitochondrially-encoded cytochrome c oxidase I; translational activator of cytochrome c oxidase I; coiled-coil domain containing 44; translational activator of mitochondrially encoded cytochrome c oxidase I; translational activator of COX I
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	TACO1
Synonyms	CCDC44
Function	Acts as a translational activator of mitochondrially-encoded cytochrome c oxidase 1.
Cellular Location	Mitochondrion.

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