SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FUNDC2 antibody

Catalog Number: SL16195R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FUNDC2
Immunogen:	KLH conjugated synthetic peptide derived from human FUNDC2: 101-189/189
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 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit)
Predicted MW.:	21kDa
Subcellular Location:	The nucleus cytoplasmic Mitochondrion
Background:	FUNDC2 is a 189 amino acid protein belonging to the FUN14 family. The gene encoding FUNDC2 maps to human chromosome Xq28. The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. More than one copy of the X chromosome with a Y chromosome causes Klinefelter's syndrome. A single copy of X alone leads to Turner's syndrome. More than 2 copies of the X chromosome, in the absence of a Y chromosome, is known as Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X

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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	chromosome-linked conditions which affect males more frequently as males carry a single X chromosome. **Function:** The function of FUNDC2 (FUN14 domain-containing protein 2) is unknown. **Subcellular Location:** Mitochondrial **Similarity:** Belongs to the FUN14 family. **Database links:** **Entrez Gene:** 65991 Human **Entrez Gene:** 67391 Mouse **SwissProt:** Q9BWH2 Human **SwissProt:** Q9D6K8 Mouse **Unigene:** 356050 Human **Unigene:** 126404 Mouse

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