SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-CHCHD2/AF647 Conjugated antibody

Catalog Number: SL6407R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-CHCHD2/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human CHCHD2: 96-130/151
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℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-200 IHC-F=1:100-200 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse (predicted: Human, Rat, Rabbit, Pig, Chicken, Dog, GuineaPig, Horse)
Predicted MW.:	12 kDa
Subcellular Location:	Cytoplasm; Mitochondrion
Background:	CHCHD2 (coiled-coil-helix-coiled-coil-helix domain-containing protein 2), also known as MNRR1, MIX17B, NS2TP or PARK22, is a 151 amino acid mitochondrial protein encoded by the CHCHD2 gene (**Gene ID:** 51142; UniProt: Q498C3). This polyclonal antibody was raised in rabbit against a KLH-conjugated synthetic peptide corresponding to amino acids 96-130 of human CHCHD2 and is affinity purified by Protein A. It is validated for immunohistochemistry (paraffin and frozen sections) and immunofluorescence, and reacts with Mouse (predicted: Human, Rat, Rabbit, Pig, Chicken, Dog, GuineaPig, Horse).

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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[VALIDATION IMAGES]

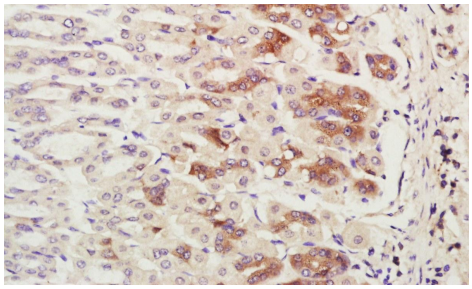


Figure 1. Paraformaldehyde-fixed, paraffin embedded (Mouse stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CHCHD2) Polyclonal Antibody, Unconjugated (SL6407R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.
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