SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-CNOT8/AF647 Conjugated antibody

Catalog Number: SL9388R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-CNOT8/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human CNOT8
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Chicken)
Background:	background: The CCR4-NOT complex is an evolutionarily conserved, multi-component complex known to be involved in transcription as well as mRNA degradation. Various subunits within the complex are involved in influencing nuclear hormone receptor activities. The CCR4-NOT complex is also involved in the regulation of Histone H3 lysine 4 methylation through a ubiquitin-dependent pathway that likely involves the proteasome. CNOT8 (CCR4-NOT transcription complex subunit 8), also known as CALIF or POP2, is a 292 amino acid protein that localizes to both the nucleus and the cytoplasm and functions as part of the CCR-NOT complex. Expressed ubiquitously, CNOT8 plays a role in transcriptional regulation for a diverse set of processes. **Function:** Ubiquitous transcription factor required for a diverse set of processes. The CCR4-NOT complex functions as general transcription regulation complex. **Subunit:** Subunit of the CCR4-NOT core complex that contains CHAF1A, CHAF1B, CNOT1, CNOT2, CNOT3, CNOT4, CNOT6 and CNOT8. Binds

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	BTG2. **Subcellular Location:** Cytoplasm. Nucleus. **Similarity:** Belongs to the CAF1 family. **Database links:** **Entrez Gene:** 9337 Human Omim: 603731 Human **SwissProt:** Q9UFF9 Human **Unigene:** 26703 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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