

anti- CNOT1 antibody

Product Information

Catalog No.:	FNab01805
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Scaffolding component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Its scaffolding function implies its interaction with the catalytic complex module and diverse RNA-binding proteins mediating the complex recruitment to selected mRNA 3'UTRs. Involved in degradation of AU-rich element(ARE)-containing mRNAs probably via association with ZFP36. Mediates the recruitment of the CCR4-NOT complex to miRNA targets and to the RISC complex via association with TNRC6A, TNRC6B or TNRC6C. Acts as a transcriptional repressor. Represses the ligand-dependent transcriptional activation by nuclear receptors. Involved in the maintenance of embryonic stem(ES) cell identity.

Immunogen information

Immunogen:	CCR4-NOT transcription complex, subunit 1
Synonyms:	CDC39, KIAA1007, NOT1
Observed MW:	240-250 kDa, 174 kDa
UniprotID :	A5YKK6

Wuhan Fine Biotech Co., Ltd.

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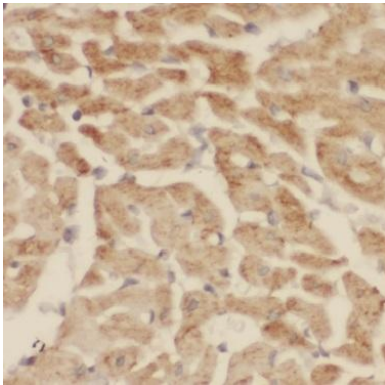
Application

Reactivity: Human, Mouse, Rat

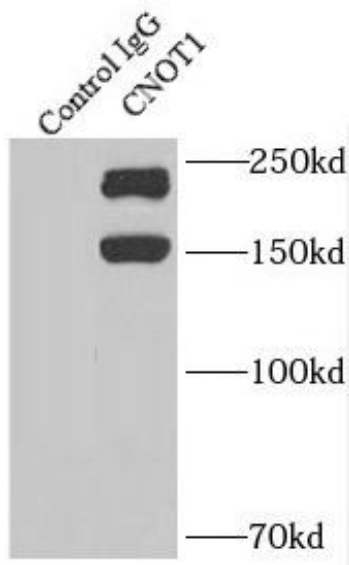
Tested Application: ELISA, IHC, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human heart tissue slide using FNab01805(CNOT1 Antibody) at dilution of 1:200



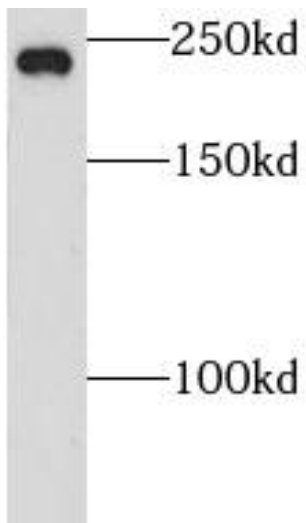
IP Result of anti-CNOT1 (IP:FNab01805, 5ug; Detection:FNab01805 1:500) with mouse kidney tissue lysate 4000ug.

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human brain tissue were subjected to SDS PAGE followed by western blot with FNab01805(CNOT1 antibody) at dilution of 1:800

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