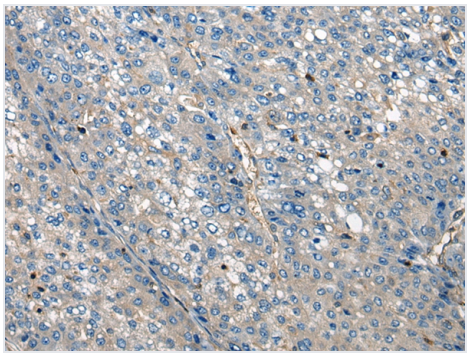
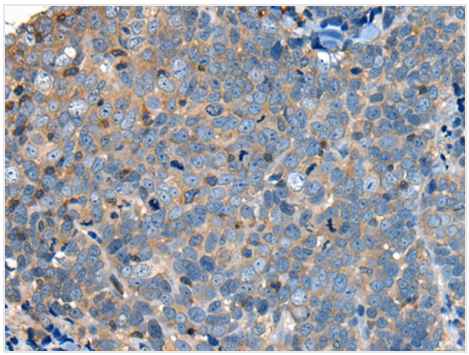
CNOT4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CNOT4, Polyclonal Antibody
Full Product Name	CNOT4 Antibody
Product Gene Name	anti-CNOT4 antibody
Product Synonym Names	NOT4; NOT4H; CLONE243
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	In pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification
Concentration	1.4mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total CNOT4 protein.
Preparation and Storage	Store at -20 degree C.
Molecular Weight	78,257 Da
OMIM	U71267 mRNA
3D Structure	ModBase 3D Structure for O95628
Immunogen	Synthetic peptide corresponding to residues near the N terminal of human CNOT4
Immunogen Type	Peptide
Product Categories/Family for anti-CNOT4 antibody	Total protein Ab
Applications Tested/Suitable for anti-CNOT4 antibody	Immunohistochemistry (IHC)
Application Notes for anti-CNOT4 antibody	IHC: 1: 25-100
Related Product Information for anti-CNOT4 antibody	The protein encoded by this gene is a subunit of the CCR4-NOT complex, a global transcriptional regulator. The encoded protein interacts with CNOT1 and has E3 ubiquitin ligase activity. Several transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-CNOT4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CNOT4 purchase	MBS9429672 is an antibody targeting CNOT4. Also known as CNOT4 Antibody. Reactive in Human, Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-CNOT4 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46525(CNOT4 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry (IHC) of anti-CNOT4 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46525(CNOT4 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CNOT4. It may not necessarily be applicable to this product.

NCBI GI #	300069013
NCBI GeneID	4850
NCBI Accession #	NP_001177777
UniProt Primary Accession #	O95628
UniProt Secondary Accession #	O95339; O95627; Q8IYM7; Q8NCL0; Q9NPQ1; Q9NZN6; B7Z6I4; E7ET38; F8VQP3
UniProt Related Accession #	O95628
GenBank Nucleotide #	NM_001190848.1
NCBI Official Full Name	CCR4-NOT transcription complex subunit 4 isoform d
NCBI Official Synonym Full Names	CCR4-NOT transcription complex subunit 4
NCBI Official Symbol	CNOT4
NCBI Official Synonym Symbols	NOT4; NOT4H; CLONE243
UniProt Protein Name	CCR4-NOT transcription complex subunit 4
UniProt Synonym Protein Names	CCR4-associated factor 4; E3 ubiquitin-protein ligase CNOT4; Potential transcriptional repressor NOT4Hp; RING-type E3 ubiquitin transferase CNOT4Curated
Protein Family	CCR4-NOT transcription complex
UniProt Gene Name	CNOT4
UniProt Synonym Gene Names	NOT4
NCBI Protein Information	CCR4-NOT transcription complex subunit 4
UniProt Comments for CNOT4	Has E3 ubiquitin ligase activity. Involved in activation of the JAK/STAT pathway.
Research Articles on CNOT4	**1.** These results indicate that CNOT4 is a ubiquitin ligase of influenza A virus nucleoprotein, and ubiquitination of the nucleoprotein plays a positive role in viral RNA replication.
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