

## Product datasheet for **TA800048AM**

### **CNOT4 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1F10]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1F10
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	IHC 1:150
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 190-455 of human CNOT4 (NP_037448) produced in E.coli.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	70.2 kDa
<b>Gene Name:</b>	CCR4-NOT transcription complex subunit 4
<b>Database Link:</b>	<a href="#">NP_037448</a> <a href="#">Entrez Gene 53621 Mouse</a> <a href="#">Entrez Gene 312227 Rat</a> <a href="#">Entrez Gene 4850 Human</a> <a href="#">O95628</a>
<b>Background:</b>	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. [provided by RefSeq, Jul 2010]
<b>Synonyms:</b>	CLONE243; NOT4; NOT4H

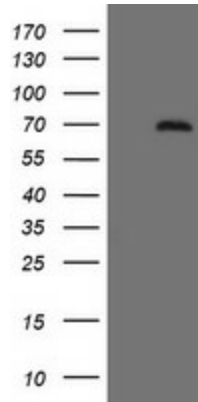


[View online »](#)

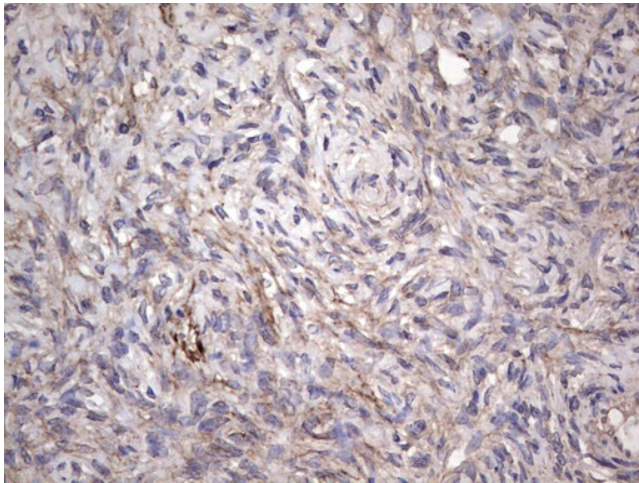
Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: RNA degradation

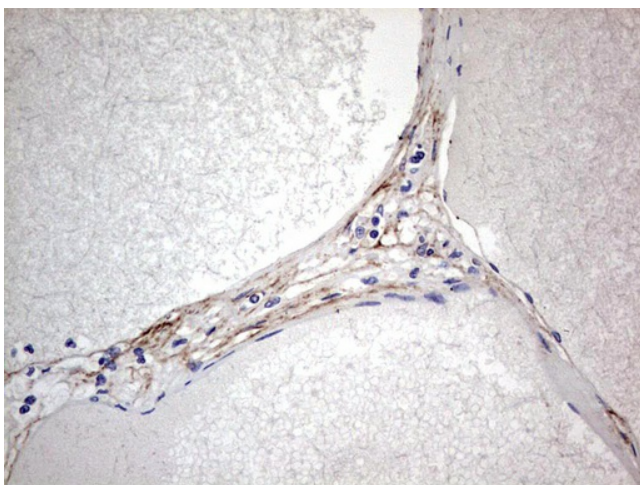
### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CNOT4 ([RC217418], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CNOT4. Positive lysates [LY415669] (100ug) and [LC415669] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-CNOT4 Mouse monoclonal antibody. ([TA800048]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-CNOT4 Mouse monoclonal antibody. ([TA800048]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)