



CNOT4 Polyclonal Antibody

Catalog No	YP-Ab-01616
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CNOT4
Protein Name	CCR4-NOT transcription complex subunit 4
Immunogen	The antiserum was produced against synthesized peptide derived from human CNOT4. AA range:61-110
Specificity	CNOT4 Polyclonal Antibody detects endogenous levels of CNOT4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CNOT4; NOT4; CCR4-NOT transcription complex subunit 4; CCR4-associated factor 4; E3 ubiquitin-protein ligase CNOT4; Potential transcriptional repressor NOT4Hp
Observed Band	64kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Mammary gland,Testis,
Function	function:Has E3 ubiquitin ligase activity. The CCR4-NOT complex functions as general transcription regulation complex.,pathway:Protein modification; protein ubiquitination.,PTM:Autoubiquitinated.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Sequencing errors.,similarity:Contains 1 C3H1-type zinc finger.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Subunit of the CCR4-NOT core complex that contains CHAF1A, CHAF1B, CNOT1, CNOT2, CNOT3, CNOT4, CNOT6 and CNOT8. Binds CNOT1 via its C-terminus. Binds E2 ubiquitin ligases via its RING domain.,
Background	CCR4-NOT transcription complex subunit 4(CNOT4) Homo sapiens 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],

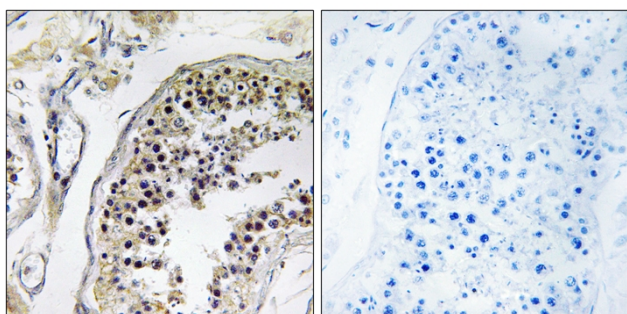
matters needing attention

Avoid repeated freezing and thawing!

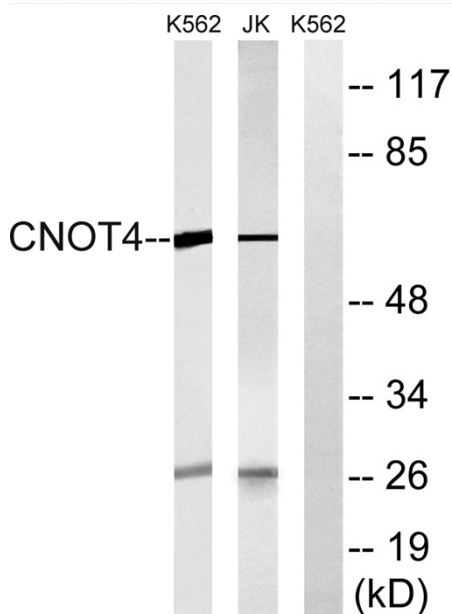
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human testis tissue, using CNOT4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat and K562 cells, using CNOT4 Antibody. The lane on the right is blocked with the synthesized peptide.