

## Product datasheet for **AP21144PU-N**

### CNOT4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Western blot:</b> 1/500 - 1/1000. <b>Immunohistochemistry on paraffin sections</b> 1/50 - 1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of CNOT4 protein. (region surrounding Glu95)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 15 mM sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 52 kDa
Gene Name:	CCR4-NOT transcription complex subunit 4
Database Link:	<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>
Background:	CNOT4 (CCR4 NOT transcription complex subunit 4) has intrinsic E3 ubiquitin ligase activity. Binding of the CNOT4 RING finger to the ubiquitin-conjugating enzyme (E2) UbcH5B is highly selective. The CCR4-NOT complex functions as a global regulator of RNA polymerase II transcription.
Synonyms:	NOT4Hp, NOT4

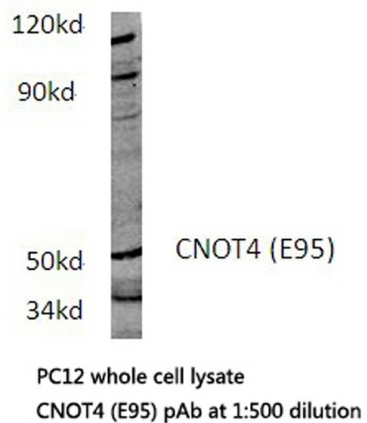


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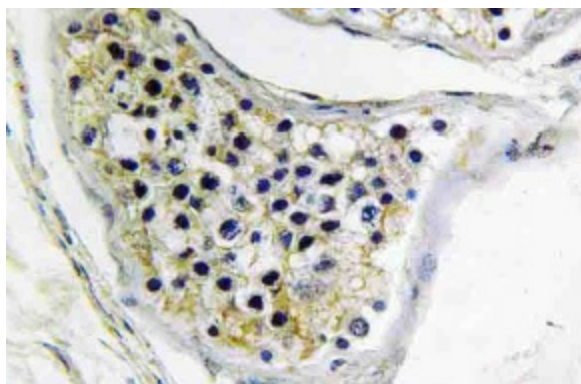
Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: RNA degradation

### Product images:



Western blot (WB) analysis of CNOT4 antibody (Cat.-No.: AP21144PU-N) in extracts from PC12 cells.



Immunohistochemistry (IHC) analyzes of CNOT4 antibody (Cat.-No.: AP21144PU-N) in paraffin-embedded human testis tissue.