

Datasheet for ABIN2774204  
**anti-CNOT4 antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	CNOT4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Zebrafish (Danio rerio), Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNOT4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CNOT4
Sequence:	AGIPASSGNS LDSLQDDNPP HWLKSLQALT EMDGPSAAPS QTHHSAPFST
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against CNOT4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	CNOT4
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## Target Details

Alternative Name:	CNOT4 ( <a href="#">CNOT4 Products</a> )
Background:	<p>CNOT4 has E3 ubiquitin ligase activity. The CCR4-NOT complex functions as general transcription regulation complex.</p> <p>Alias Symbols: CLONE243, NOT4, NOT4H</p> <p>Protein Interaction Partner: EP300, UBE2D1, UBC5, CNOT1, UBE2E3, UBE2E1, UBE2D2, UBC, CNOT4, ELAVL1, KDM5C, UBE2W, UBE2D4, UBE2N, UBE2D3, CNOT8, UBE2B, CDC39,</p> <p>Protein Size: 639</p>
Molecular Weight:	70 kDa
Gene ID:	4850
NCBI Accession:	<a href="#">NM_013316</a> , <a href="#">NP_037448</a>
UniProt:	<a href="#">O95628</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 639 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** WB Suggested Anti-CNOT4

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500

Positive Control: NCI-H226 cell lysate

CNOT4 is strongly supported by BioGPS gene expression data to be expressed in NCI-H226

Western Blotting

**Image 2. WB Suggested Anti-CNOT4 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:62500

**Positive Control:** NCI-H226 cell lysate