

Datasheet for ABIN5515424  
**anti-Cingulin antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	Cingulin (CGN)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human CGN
Sequence:	ELPENPYSQV KGFPAPSQSS TSDEEPGAYW NGKLLRSHSQ ASLAGPGPVD
Predicted Reactivity:	Cow: 93%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Rabbit: 91%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against CGN. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Cingulin (CGN)
Alternative Name:	CGN ( <a href="#">CGN Products</a> )
Background:	CGN probably plays a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier. .

## Target Details

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Alias Symbols: CGN, KIAA1319,

Protein Interaction Partner: UBC, LATS2, LATS1, YWHAE, LNX1, SIRT7, YWHAG, F11R,  
ARHGEF2, TJP2, TJP1, YWHAB, SFN,

Protein Size: 771

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Gene ID:	57530
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NCBI Accession:	<a href="#">XP_005245422</a>
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## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

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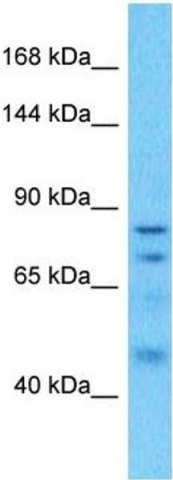
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	For short term use, store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

**Image 1.** Host: Rabbit Target Name: CGN Sample Type: Uterus Tumor lysates Antibody Dilution: 1.0ug/ml