

Datasheet for ABIN2788125  
**anti-Clarin 1 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	Clarin 1 (CLRN1)
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Mouse, Rabbit, Rat, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Clarin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CLRN1
Sequence:	QSEKYTTFSW VIFFCFFVHF LNGLLIRLAG FQFPFAKSKD AETTNVAADL
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 79%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against CLRN1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Clarin 1 (CLRN1)
Alternative Name:	CLRN1 ( <a href="#">CLRN1 Products</a> )

## Target Details

Background:	<p>This gene encodes a protein that contains a cytosolic N-terminus, multiple helical transmembrane domains, and an endoplasmic reticulum membrane retention signal, TKGH, in the C-terminus. The encoded protein may be important in development and homeostasis of the inner ear and retina. Mutations within this gene have been associated with Usher syndrome type IIIa. Multiple transcript variants encoding distinct isoforms have been identified for this gene.</p> <p>Alias Symbols: USH3, USH3A, RP61</p> <p>Protein Size: 232</p>
Molecular Weight:	26 kDa
Gene ID:	7401
NCBI Accession:	<a href="#">NM_174878</a> , <a href="#">NP_777367</a>
UniProt:	<a href="#">P58418</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 232 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.

90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
31 kDa\_\_  
22 kDa\_\_

Rabbit Anti-CLRN1 Antibody  
Catalog Number: ARP59580  
Lot Number: QC30532  
Lane: Fetal Brain Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

Western Blotting

**Image 1.** WB Suggested Anti-CLRN1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: Human brain

90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
31 kDa\_\_  
22 kDa\_\_

Western Blotting

**Image 2. WB Suggested Anti-CLRN1 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:1562500

**Positive Control:** Human brain