

Datasheet for ABIN6992170  
**anti-JAGN1 antibody (C-Term)**



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## Overview

Quantity:	0.1 mg
Target:	JAGN1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JAGN1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	JAGN1 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human JAGN1. The immunogen is located within the last 50 amino acids of JAGN1.
Isotype:	IgG
Specificity:	JAGN1 antibody is human, mouse and rat reactive. At least four isoforms of JAGN1 are known to exist, this antibody will detect all but isoform 2.
Purification:	JAGN1 antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	JAGN1
Alternative Name:	JAGN1 ( <a href="#">JAGN1 Products</a> )

## Target Details

Background:	JAGN1 is the human ortholog of a gene originally identified in <i>Drosophila melanogaster</i> . It is a transmembrane protein that functions in the early secretory pathway and is necessary for neutrophil differentiation and survival. Individuals with mutations in the JAGN1 gene causes aberrant myeloid cell homeostasis and severe congenital neutropenia (SCN) (1). JAGN1-mutant granulocytes are characterized by ultrastructural defects, aberrant N-glycosylation of multiple proteins, and increased apoptosis (1). Mice lacking this gene could not mount an efficient neutrophil-dependent immune response to a human fungal pathogen (2).
Molecular Weight:	Predicted: 20 kDa  Observed: 25 kDa
Gene ID:	84522
NCBI Accession:	<a href="#">NP_115881</a>
UniProt:	<a href="#">Q8N5M9</a>

## Application Details

Application Notes:	JAGN1 antibody can be used for detection of JAGN1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL.  Antibody validated: Western Blot in human samples and Immunohistochemistry in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	JAGN1 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	JAGN1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.