

Datasheet for ABIN2774874  
**anti-GJD4 antibody (Middle Region)**[Go to Product page](#)

1 Image

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## Overview

Quantity:	100 µL
Target:	GJD4
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJD4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GJD4
Sequence:	HTKIPDEDES EVTSSASEKL GRQPRGRPHR EAAQDPRGSG SEEQPSAAPS
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against GJD4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	GJD4
Alternative Name:	GJD4 ( <a href="#">GJD4 Products</a> )

## Target Details

Background:	Connexins, such as GJD4, are involved in the formation of gap junctions, intercellular conduits that directly connect the cytoplasm of contacting cells. Each gap junction channel is formed by docking of 2 hemichannels, each of which contains 6 connexin s Alias Symbols: CX40.1, FLJ90023, RP11-425A6.2 Protein Interaction Partner: LNX1, Protein Size: 370
Molecular Weight:	40 kDa
Gene ID:	219770
NCBI Accession:	<a href="#">NM_153368</a> , <a href="#">NP_699199</a>
UniProt:	<a href="#">Q96KN9</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 370 AA
Restrictions:	For Research Use only

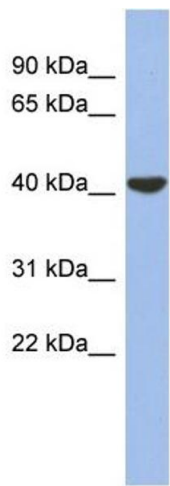
## Handling

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.

Publications

Product cited in: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#) ).

Images



Western Blotting

**Image 1.** WB Suggested Anti-GJD4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: PANC1 cell lysate