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Datasheet for ABIN2774869

anti-GJA9 antibody (Middle Region)

4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	GJA9
Binding Specificity:	Middle Region
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJA9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GJA9
Sequence:	IDGENNMRQS PQTVFSLPAN CDWKPRWLRA TWGSSTEHEN RGSPPKGNLK
Predicted Reactivity:	Dog: 86%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against GJA9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GJA9
Alternative Name:	GJA9 (GJA9 Products)

Target Details

Background: Connexins, such as GJA9, 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 subunits. Connexins, such as GJA9, 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 subunits (Sohl et al., 2003 [PubMed 12881038]). [supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-612 BI463634.1 7-618 613-1929 AF271261.1 585-1901 1930-2331 BU689816.1 1-402 c
Alias Symbols: CX58, CX59, GJA10, MGC50985
Protein Interaction Partner: GRB2,
Protein Size: 515

Molecular Weight: 59 kDa

Gene ID: 81025

NCBI Accession: [NM_030772](#), [NP_110399](#)

UniProt: [P57773](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 515 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.

Handling

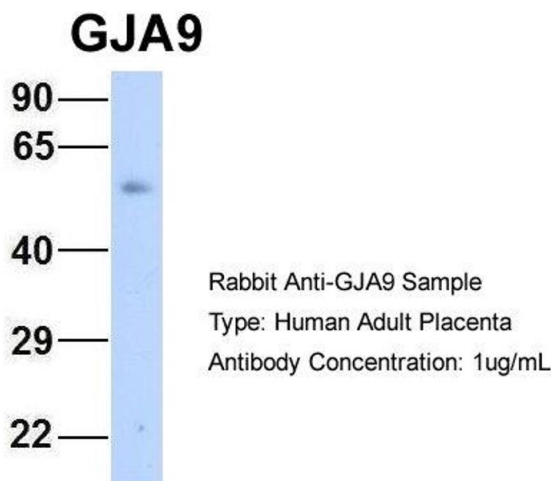
Storage: -20 °C

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

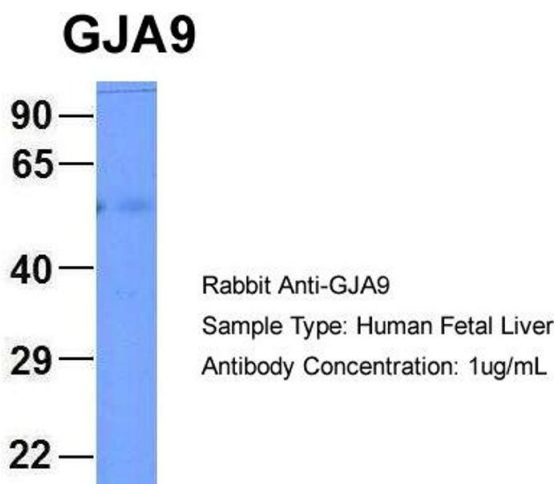
Product cited in: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#)).

Images



Western Blotting

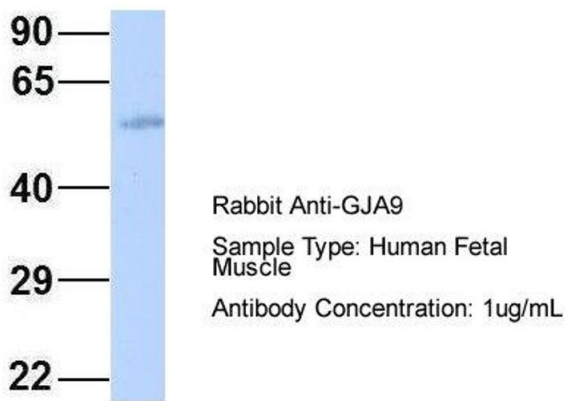
Image 1. Host: Rabbit Target Name: GJA9 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. Host: Rabbit Target Name: GJA9 Sample Type: Human Fetal Liver Antibody Dilution: 1.0ug/ml

GJA9



Western Blotting

Image 3. Host: Rabbit Target Name: GJA9 Sample Type: Human Fetal Muscle Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2774869.