

Datasheet for ABIN6923123
anti-Cx40/GJA5 antibody (N-Term)[2 Images](#)[3 Publications](#)[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	Cx40/GJA5 (GJA5)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cx40/GJA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of GJA5.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human GJA5.
Cross-Reactivity:	Human

Target Details

Target:	Cx40/GJA5 (GJA5)
Alternative Name:	GJA5 / Cx40 (GJA5 Products)
Gene ID:	2702
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:10-50)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.09 % 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: 4 °C, -20 °C

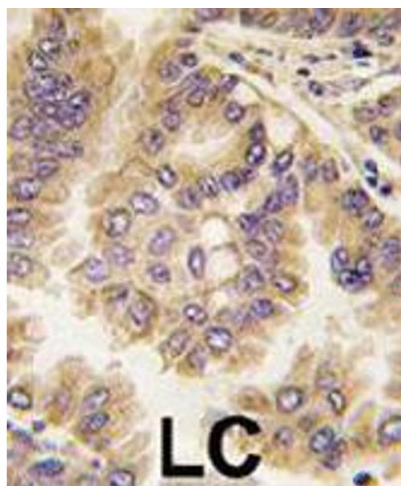
Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Dupays, Mazurais, Rücker-Martin, Calmels, Bernot, Cronier, Malassiné, Gros, Théveniau-Ruissy: "Genomic organization and alternative transcripts of the human Connexin40 gene." in: **Gene**, Vol. 305, Issue 1, pp. 79-90, (2003) ([PubMed](#)).

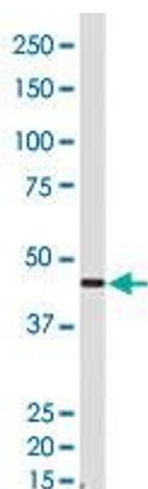
Cronier, Defamie, Dupays, Théveniau-Ruissy, Goffin, Pointis, Malassiné: "Connexin expression and gap junctional intercellular communication in human first trimester trophoblast." in: **Molecular human reproduction**, Vol. 8, Issue 11, pp. 1005-13, (2002) ([PubMed](#)).

Simon, McWhorter: "Vascular abnormalities in mice lacking the endothelial gap junction proteins connexin37 and connexin40." in: **Developmental biology**, Vol. 251, Issue 2, pp. 206-20, (2002) ([PubMed](#)).



Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with GJA5 polyclonal antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of GJA5 polyclonal antibody in placenta lysate. GJA5 (Arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.