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Datasheet for ABIN544551 anti-GJC1 antibody (N-Term)

2 Images

2 Publications



Overview

Quantity:	400 µL
Target:	GJC1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJC1 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 GJC1.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human GJC1.
Cross-Reactivity:	Human
Target Details	
Target:	GJC1

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Alternative Name:	GJC1 / Cx45 (GJC1 Products)
Gene ID:	10052
Pathways:	Cell-Cell Junction Organization

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Application Details	
Application Notes:	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) 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:	Xiang, Fan, Li, Tan, Xiang, Zhang, Wang, Li: "[Expression of connexin43 and connexin45 in nasopharyngeal carcinoma]." in: Ai zheng = Aizheng = Chinese journal of cancer , Vol. 21, Issue 6, pp. 593-6, (2002) (PubMed).
	Kaba, Coppen, Dupont, Skepper, Elneil, Haw, Pepper, Yacoub, Rothery, Severs: "Comparison of connexin 43, 40 and 45 expression patterns in the developing human and mouse hearts." in: Cell communication & adhesion , Vol. 8, Issue 4-6, pp. 339-43, (2002) (PubMed).





Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with GJC1 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. HC = hepatocarcinoma.

Western Blotting

Image 2. Western blot analysis of GJC1 polyclonal antibody in A547 cell lysate. GJA7 (Arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

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