

Datasheet for ABIN2774861
anti-GJC1 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	GJC1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Pig, Rabbit, Dog, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GJC1
Sequence:	ERLDLAVQAY SHQNNPHGPR EKKAKVGSKA GSNKSTASSK SGDGTKSVWI
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 80%, Horse: 93%, Human: 100%, Mouse: 79%, Pig: 93%, Rabbit: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against GJC1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GJC1
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Target Details

Alternative Name:	GJC1 (GJC1 Products)
Background:	GJC1 is a member of the connexin family. The protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Alternatively spliced transcript variants encoding the same isoform have been described. This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Alternatively spliced transcript variants encoding the same isoform have been described. Alias Symbols: CX45, DKFZp686P0738, GJA7 Protein Interaction Partner: UBC, CNST, TJP3, TJP1, Protein Size: 396
Molecular Weight:	45 kDa
Gene ID:	10052
NCBI Accession:	NM_005497 , NP_005488
UniProt:	P36383
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 396 AA
Restrictions:	For Research Use only

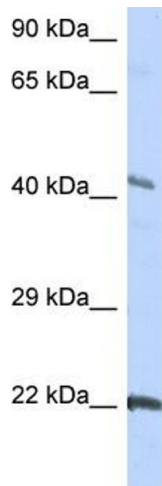
Handling

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

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.

Images



Western Blotting

Image 1. WB Suggested Anti-GJC1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate