Datasheet for ABIN7238093

anti-GJB2 antibody

1 Image

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Overview

Quantity:	200 µL
Target:	GJB2
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GJB2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human GJB2
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	GJB2
Alternative Name:	Connexin-26 (GJB2 Products)
Background:	This gene encodes a member of the gap junction protein family. The gap junctions were first characterized by electron microscopy as regionally specialized structures on plasma membranes of contacting adherent cells. These structures were shown to consist of cell-to-cell channels that facilitate the transfer of ions and small molecules between cells. The gap

Target Details

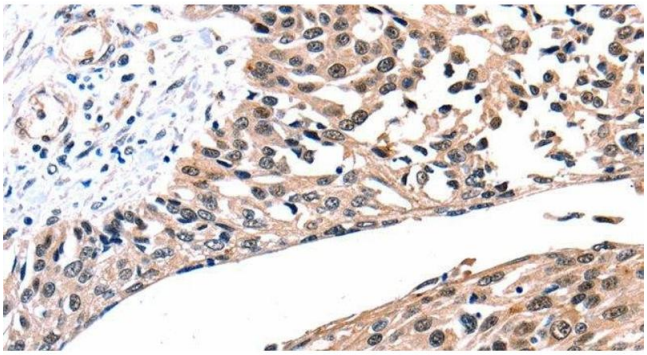
	junction proteins, also known as connexins, purified from fractions of enriched gap junctions from different tissues differ. According to sequence similarities at the nucleotide and amino acid levels, the gap junction proteins are divided into two categories, alpha and beta. Mutations in this gene are responsible for as much as 50 % of pre-lingual, recessive deafness.
NCBI Accession:	NP_003995
UniProt:	P29033
Pathways:	Sensory Perception of Sound, Cell-Cell Junction Organization

Application Details

Application Notes:	IHC 1:100-1:300
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using Connexin-26 Polyclonal Antibody at dilution 1:100