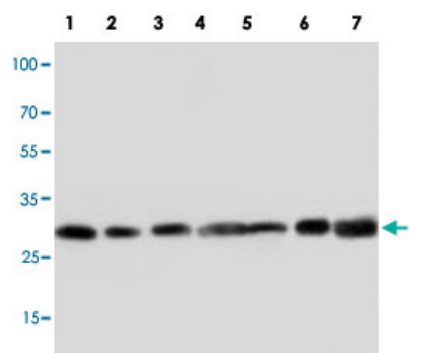
GJB1 polyclonal antibody

Catalog # PAB19101 Size 100 ug

Applications



Western Blot

Western blot analysis of tissue and whole cell extracts with GJB1 polyclonal antibody (Cat # PAB19101).
Lane 1 : rat heart. Lane 2 : rat skeletal muscle. Lane 3 : rat barin.
Lane 4 : MM231. Lane 5 : HeLa. Lane 6 : SMMC. Lane 7 : HT1060.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GJB1.
Immunogen	A synthetic peptide corresponding to internal region of human GJB1.
Host	Rabbit
Reactivity	Human, Rat
Form	Lyophilized
Purification	Immunoaffinity purification
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na_2HPO_4 (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

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Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20° C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — GJB1

Entrez GeneID	2705
Gene Name	GJB1
Gene Alias	CMTX, CMTX1, CX32
Gene Description	gap junction protein, beta 1, 32kDa
Omim ID	302800 304040
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the gap junction protein family. The gap junction proteins are membrane-spanning proteins that assemble to form gap junction channels that facilitate the transfer of ions and small molecules between cells. 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 cause X-linked Charcot-Marie-Tooth disease, an inherited peripheral neuropathy. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000023502|OTTHUMP00000023503|OTTHUMP00000023504|connexin 32

Disease

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- Charcot-Marie-Tooth Disease
- Deafness
- Genetic Diseases
- Genetic Predisposition to Disease
- Hearing Loss
- Ovarian Neoplasms

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