DNAxPAb | Hard-to-Find Antibody

GJB2 DNAxPab

Catalog # H00002706-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human GJB2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — GJB2

Entrez GeneID	2706
GeneBank Accession#	NM_004004.3
Protein Accession#	NP_003995.2
Gene Name	GJB2
Gene Alias	CX26, DFNA3, DFNB1, HID, KID, NSRD1, PPK
Gene Description	gap junction protein, beta 2, 26kDa
Omim ID	121011 124500 148210 148350 149200 220290 601544 602540
Gene Ontology	Hyperlink
Gene Summary	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 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. [provided by RefSeq
Other Designations	OTTHUMP00000018093|OTTHUMP00000018094|connexin 26|gap junction protein beta 2|gap junction protein, beta 2, 26kD (connexin 26)

Disease

- Aminoglycoside-induced deafness
- Apraxias
- Attention Deficit Disorder with Hyperactivity
- Auditory Perception
- Auditory Threshold
- Cholesteatoma
- Chorioamnionitis
- Chromosome Aberrations
- Chromosome Deletion
- Chronic Disease

- Cleft Lip
- Cleft Palate
- Cognition
- Cytomegalovirus Infections
- Deafness
- Disease Progression
- Diseases in Twins
- Fetal Membranes
- Functional Laterality
- Genetic Predisposition to Disease
- Hearing
- Hearing Disorders
- Hearing Loss
- Keratoderma
- Language Development Disorders
- Mutism
- Obstetric Labor
- Occupational Diseases
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Presbycusis
- Psoriasis
- Recurrence
- Rhinitis
- Sinusitis

- Speech Perception
- Stomach Neoplasms
- Syndrome
- Usher Syndromes
- Vestibular Diseases
- Vestibulocochlear Nerve Diseases