

Rabbit Connexin 26 Polyclonal Antibody | anti-CX26 antibody

Connexin 26 Antibody

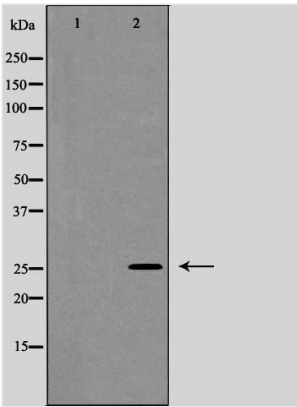
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321803	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Connexin 26; Polyclonal Antibody; Connexin 26 Antibody; connexin 26; Connexin-26; CXB2_HUMAN; DFNA3; DFNB1; Gap junction beta-2 protein; GJB2; HID; KID; NSRD1; PPK; anti-CX26 antibody

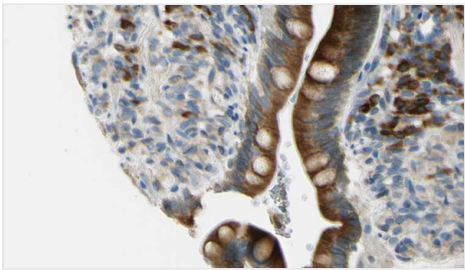
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Connexin 26 antibody detects endogenous levels of total Connexin 26
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	226
Applicable Applications for anti-CX26 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Connexin 26
Subcellular Location	Cell Membrane. Cell Junction > Gap Junction.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (91%), Horse (100%), Sheep (91%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)

Western blot analysis of Connexin 26 expression in Jurkat cells, The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA321803 at 1/100 staining Mouse intestine tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CX26 antibody	Description: A form of non-syndromic sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information. Note: The disease is caused by mutations affecting the gene represented in this entry. Function: One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. Subunit Structure: A connexon is composed of a hexamer of connexins. Interacts with CNST (By similarity). Similarity: Belongs to the connexin family. Beta-type (group I) subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42558283
NCBI GeneID	2706
NCBI Accession #	NP_003995.2
NCBI GenBank Nucleotide #	NM_004004.5
UniProt Accession #	P29033; Q508A5; Q508A6; Q5YLL0; Q5YLL1; Q5YLL4; Q6IPV5; Q86U88; Q96AK0; Q9H536; Q9NNY4
Molecular Weight	Observed: 26 kDa Predicted: 27 kDa
NCBI Official Full Name	gap junction beta-2 protein
NCBI Official Synonym Full Names	gap junction protein beta 2
NCBI Official Symbol	GJB2
NCBI Official Synonym Symbols	HID; KID; PPK; CX26; DFNA3; DFNB1; NSRD1; DFNA3A; DFNB1A
NCBI Protein Information	gap junction beta-2 protein
UniProt Protein Name	Gap junction beta-2 protein
UniProt Gene Name	GJB2
UniProt Synonym Gene Names	Cx26

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.