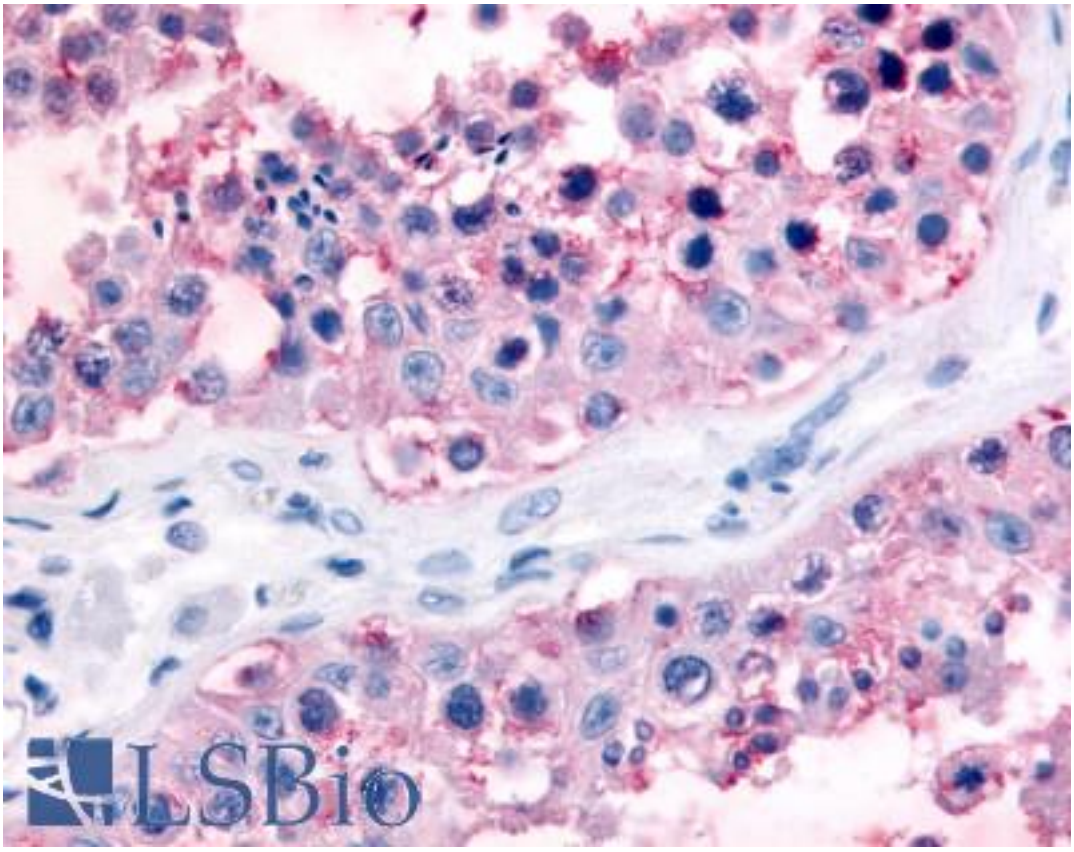
LSBio
LifeSpan BioSciences, Inc.

GJA1 / CX43 / Connexin 43 Rabbit anti-Human Polyclonal (C-Terminus) Antibody - LS-A9453 - LSBio

CatalogID:	LS-A9453
Target:	gap junction protein, alpha 1, 43kDa (GJA1)
Synonyms:	GJA1 Antibody, Connexin-43 Antibody, DFNB38 Antibody, Connexin 43 Antibody, Gap junction alpha-1 protein Antibody, GJAL Antibody, HSS Antibody, Gap junction protein alpha 1 Antibody, ODDD Antibody, ODD Antibody, AVSD3 Antibody, CX43 Antibody, HLHS1 Antibody, ODOD Antibody, SDTY3 Antibody
Family / Subfamily:	Ion Channel / Connexin
Host	GJA1 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	GJA1 / CX43 / Connexin 43 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	GJA1 / CX43 / Connexin 43 antibody was raised against synthetic 16 amino acid peptide from C-terminus of human GJA1 / Connexin 43. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Dog, Hamster, Elephant, Panda, Rabbit, Pig, Opossum, Guinea pig (100%); Bat, Horse, Chicken, Lizard, Xenopus (94%); Trout, Salmon (88%); Zebrafish, Sea anemone, Nematode (81%).
Specificity:	Human GJA1 / Connexin 43. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Epitope:	C-Terminus
Reactivity:	Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Bovine, Dog, Guinea pig, Hamster, Pig, Rabbit
Predicted Reactivity:	Bat, Horse, Chicken, Xenopus
Purification:	Immunoaffinity purified
Presentation:	PBS, 0.1% sodium azide.
Recommended Storage:	Long term: -70°C; Short term: +4°C
Usage Summary:	Immunohistochemistry: LS-A9453 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-A9453 was determined to be 10-20 ug/ml.
Uses:	IHC - Paraffin (10 - 20 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.2 mg/ml

Immunohistochemistry Image:



Anti-GJA1 / Connexin 43 antibody LS-A9453 IHC of human testis, seminiferous tubules and Leydig cells. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Requested From:	Japan