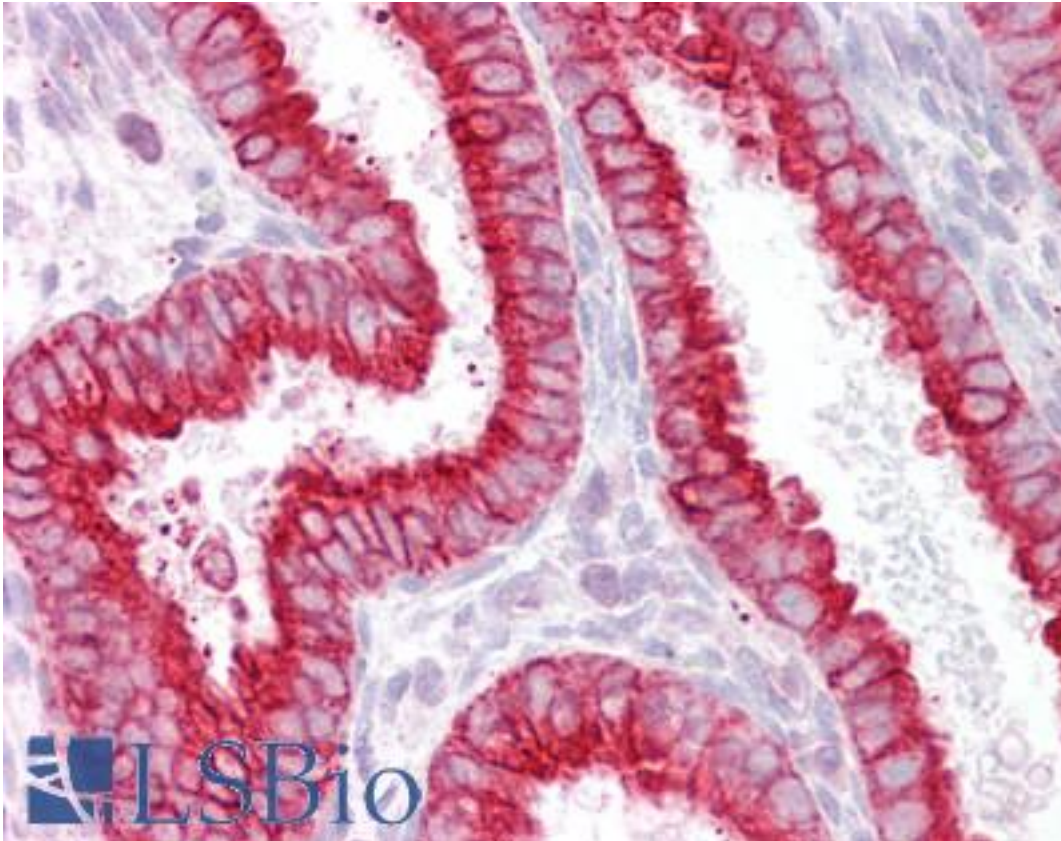


CHRN4 Goat anti-Human Polyclonal (Internal) Antibody - LS-B6472 - LSBio	
CatalogID:	LS-B6472
Validation:	This antibody replaces catalog number LS-C87252. It has been validated for use in the following assays: IHC-P.
Target:	cholinergic receptor, nicotinic, beta 4 (neuronal) (CHRN4)
Synonyms:	CHRN4 Antibody, AChR-beta4 Antibody, NACHR beta 4 Antibody
Family / Subfamily:	Ion Channel / Nicotinic acetylcholine receptor
Host	CHRN4 antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	CHRN4 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	CHRN4 antibody was raised against synthetic peptide C-DYRLTWNSSRYEGVN from an internal region of human CHRN4 (NP_000741.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Elephant, Panda, Dog, Bovine, Pig (93%); Mouse, Rat, Hamster, Horse, Opossum (87%).
Specificity:	Human CHRN4.
Epitope:	Internal
Reactivity:	Human, Gorilla, Gibbon, Monkey
Predicted Reactivity:	Bovine, Dog, Pig
Purification:	Immunoaffinity purified
Presentation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Recommended Storage:	Store at -20°C. Minimize freezing and thawing.
Usage Summary:	Peptide ELISA: antibody detection limit dilution 1:16000. Western Blot: Preliminary experiments gave an approx 40kD band in human testis lysates after 0.2 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 56.4kD according to NP_000741.1. The 40kD band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies / lysates? Have any further splice variants / modified forms been reported?
Uses:	IHC - Paraffin (2.5 - 3.75 µg/ml), ELISA (1:16000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-CHRNA4 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B6472 concentration 2.5 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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