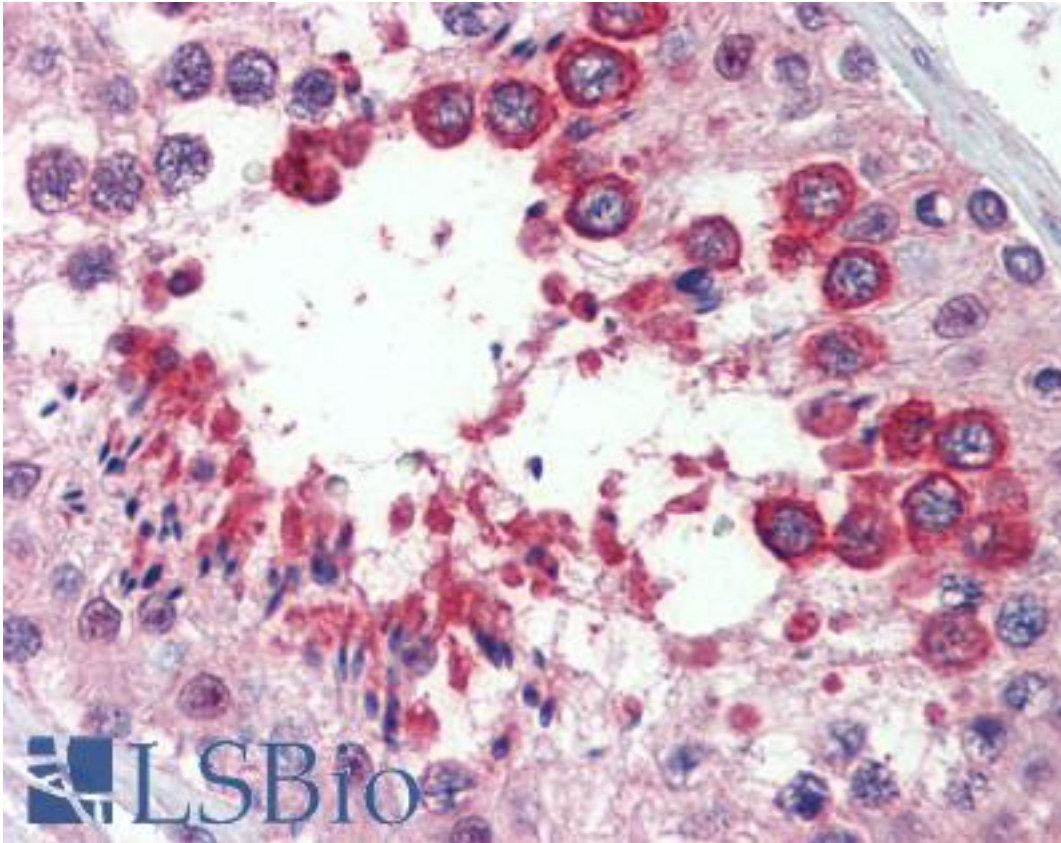


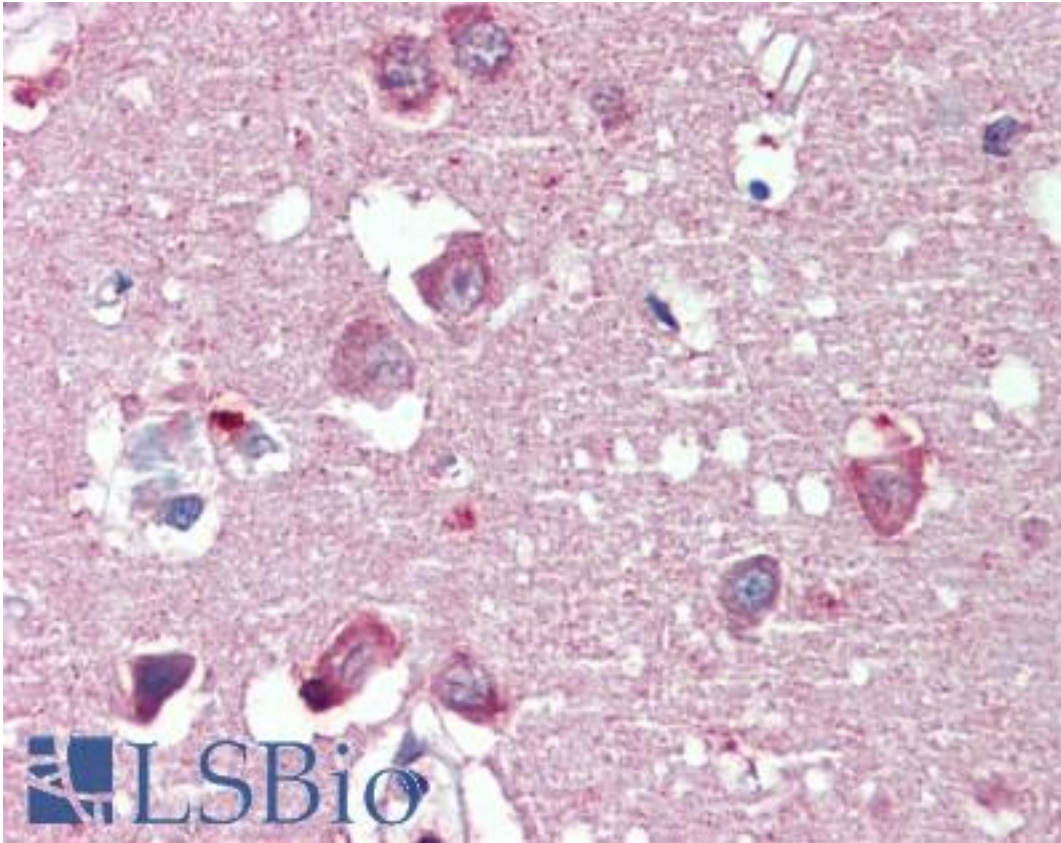
RTN4 / Nogo Goat anti-Human Polyclonal (Internal) Antibody - LS-B4168 - LSBio	
CatalogID:	LS-B4168
Validation:	This antibody replaces catalog number LS-C108346. It has been validated for use in the following assays: IHC-P.
Target:	reticulon 4 (RTN4)
Synonyms:	RTN4 Antibody, Human NogoA Antibody, My043 protein Antibody, Neurite outgrowth inhibitor Antibody, NOGOC Antibody, NSP-CL Antibody, Nogo protein Antibody, KIAA0886 Antibody, Reticulon 5 Antibody, Reticulon-4 Antibody, Reticulon-5 Antibody, Reticulon 4 Antibody, RTN4-B1 Antibody, RTN-X Antibody, RTN4-A Antibody, RTN4-B2 Antibody, RTN4-C Antibody, Nbla00271 Antibody, Neurite growth inhibitor 220 Antibody, NI220/250 Antibody, NOGO-A Antibody, Nogo-C Antibody, ASY Antibody, Foccen Antibody, Nbla10545 Antibody, NOGO Antibody, Nogo-B Antibody, NSP Antibody
Family / Subfamily:	Reticulon
Host	RTN4 antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	RTN4 / Nogo antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	RTN4 / Nogo antibody was raised against synthetic peptide C-KAQIVTEKNTSTKTS from an internal region of human RTN4 / Nogo (NP_065393.1; NP_997404.1). Percent identity by BLAST analysis: Human, Gorilla, Monkey (100%); Gibbon, Panda, Horse (93%); Marmoset, Dog, Bovine, Rabbit (87%); Mouse, Rat, Bat, Pig (80%).
Specificity:	Human RTN4 / Nogo. This antibody is expected to recognize reported isoform A (NP_065393.1) and isoform E (NP_997404.1).
Epitope:	Internal
Reactivity:	Human, Gorilla, Monkey
Predicted Reactivity:	Gibbon, Horse
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:	Immunohistochemistry: LS-B4168 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-B4168 was determined to be 2.5 to 5 ug/ml
Uses:	IHC - Paraffin (2.5 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-RTN4 / Nogo antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4168 concentration 2.5 ug/ml.

Immunohistochemistry Image:



Anti-RTN4 / Nogo antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4168 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 9/23/2014

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