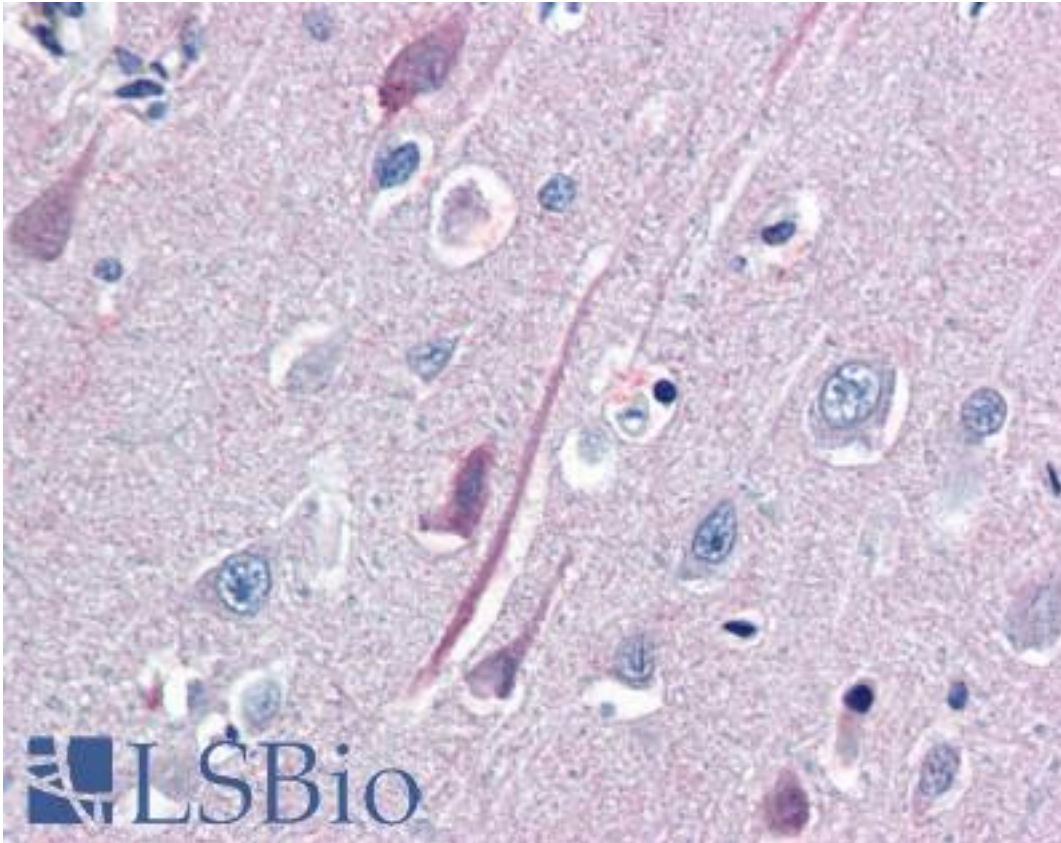


NTRK2 / TRKB Rabbit anti-Rat Polyclonal (aa1-429) Antibody - LS-B2544 - LSBio	
CatalogID:	LS-B2544
Validation:	This antibody replaces catalog number LS-C18197. It has been validated for use in the following assays: IHC-P.
Target:	neurotrophic tyrosine kinase, receptor, type 2 (NTRK2)
Synonyms:	NTRK2 Antibody, gp145-TrkB Antibody, Trk-B Antibody, TRKB Antibody, Tropomyosin-related kinase B Antibody, TrkB tyrosine kinase Antibody, Tyrosine kinase receptor B Antibody
Family / Subfamily:	Protein Kinase / Trk/Ror
Host	NTRK2 antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	NTRK2 / TRKB antibody was raised against Rat
Antigen Type:	Cells
Immunogen:	NTRK2 / TRKB antibody was raised against the entire extracellular domain (corresponding to residues 1-429) of the rat TrkB receptor, expressed in COS cells.
Specificity:	Recognizes rat TrkB, Mr 145kD, as well as an additional protein, Mr ~90kD, which is likely a TrkB degradation product. Species sequence homology: mouse 97% and human 88%.
Epitope:	aa1-429
Reactivity:	Rat, Human, Mouse
Purification:	Protein A purified
Presentation:	0.1M Tris-glycine, pH 7.4, 0.15M sodium chloride, 0.05% sodium azide, 30% glycerol.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B2544 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-B2544 was determined to be 10 ug/ml. Western Blot: 0.5-2 ug/ml detected TrkB in mouse brain membrane protein preparations.
Uses:	IHC - Paraffin (10 µg/ml), Western blot (0.5 - 2 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-NTRK2 / TRKB antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2544 concentration 10 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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