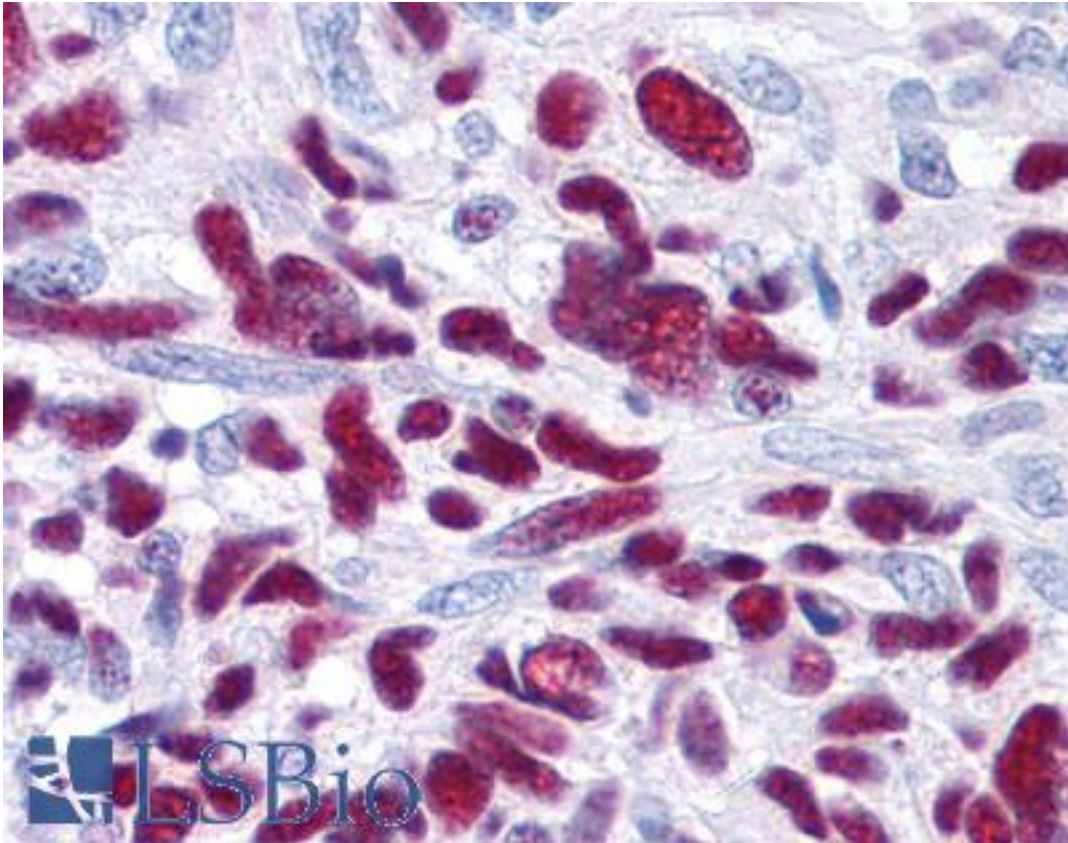


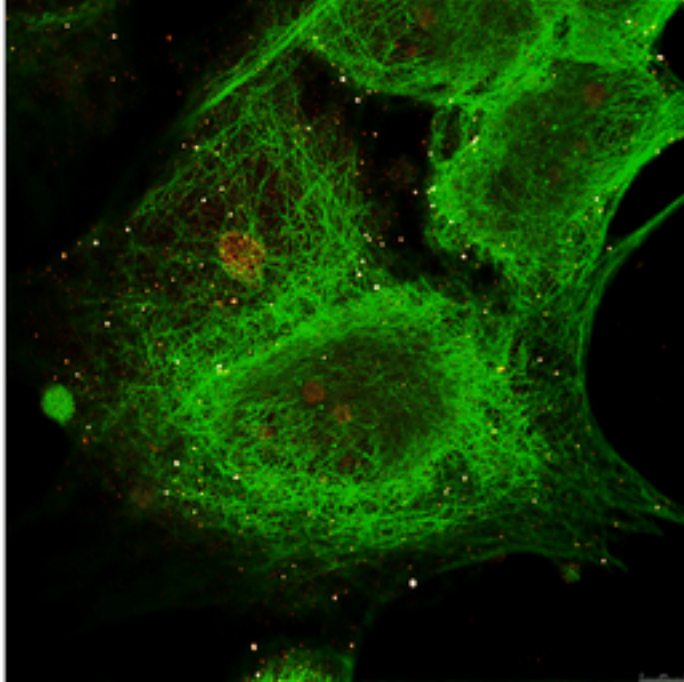
GLI3 Rabbit anti-Human Polyclonal (aa41-57) Antibody - LS-B73 - LSBio	
CatalogID:	LS-B73
Validation:	This antibody replaces catalog number LS-C19016. It has been validated for use in the following assays: IHC.
Target:	GLI family zinc finger 3 (GLI3)
Synonyms:	GLI3 Antibody, ACLS Antibody, GCPS Antibody, GLI-Kruppel family member GLI3 Antibody, GLI3 full length protein Antibody, GLI3-190 Antibody, GLI family zinc finger 3 Antibody, Gli-3 Antibody, GLI3FL Antibody, PAP-A Antibody, PAPA1 Antibody, PHS Antibody, PPDIV Antibody, Transcriptional activator GLI3 Antibody, PAPA Antibody, PAPB Antibody, GLI3 form of 190 kDa Antibody, Oncogene GLI3 Antibody, Zinc finger protein GLI3 Antibody
Host	GLI3 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	GLI3 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	GLI3 antibody was raised against synthetic peptide from human GLI3.
Specificity:	Amino acids 41-57 of human Gli-3 protein.
Epitope:	aa41-57
Reactivity:	Human, Chimpanzee, Dog, Chicken, Xenopus, Quail, Squirrel monkey
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.1% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B73 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-B73 was determined to be 1.25 ug/ml.
Uses:	IHC - Paraffin (1.25 µg/ml), ICC, Immunofluorescence, Western blot (1:500 - 1:2000), ELISA (1:6000 - 1:30000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



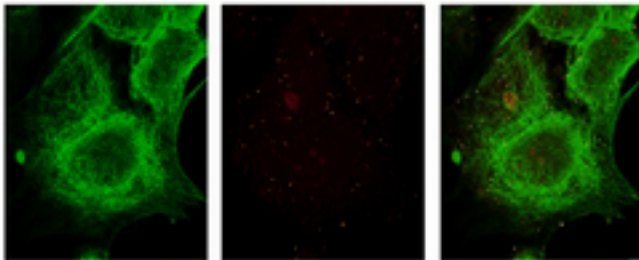
Anti-GLI3 antibody IHC of human brain-glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B73 concentration 1.25 ug/ml.

Immunofluorescence Image:



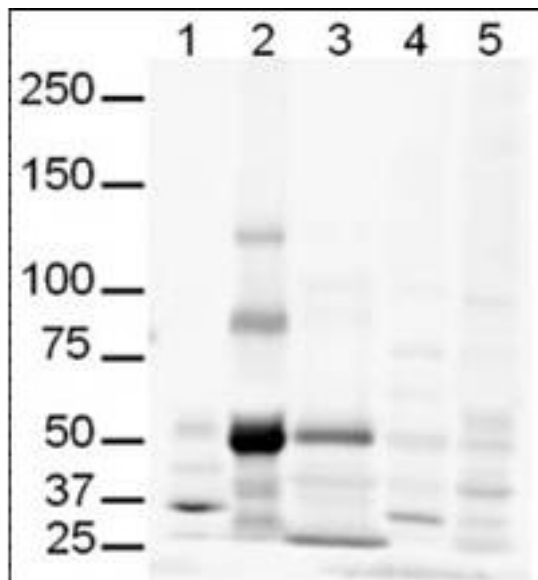
Anti-Gli-3 Antibody - Immunofluorescence. Anti-Gli-3 Antibody Immunofluorescence image showing MCF-7 cell staining of Anti-alpha-Tubulin (MOUSE) Monoclonal Antibody - in green and staining of Anti-Gli-3 (RABBIT) Antibody - LS-B73 in red.

Immunofluorescence Image:



Anti-Gli-3 Antibody - Immunofluorescence. Anti-Gli-3 Antibody Immunofluorescence image one showing MCF-7 cell staining of Anti-alpha-Tubulin (MOUSE) Monoclonal Antibody - in green. Immunofluorescence image two showing MCF-7 cell staining of Anti-Gli-3 (RABBIT) Antibody - LS-B73 in red. Immunofluorescence image three showing MCF-7 cell superimposed staining of Anti-alpha-Tubulin (MOUSE) Monoclonal Antibody - in green and staining of Anti-Gli-3 (RABBIT) Antibody - LS-B73 in red.

Western Blot Image:



Anti-Gli-3 Antibody - Western Blot. Western blot of anti-Gli-3 antibody shows detection of multiple bands in human lung lysate believed to be Gli-3. Lanes contain 20 ug of whole cell lysates from 1 - human brain, 2 - human lung, 3 - human spleen, 4 - mouse brain and 5 - mouse lung. While no recognizable staining can be seen on mouse tissue, human lung shows what may be truncated Gli-3 (~80kD). This identity of the strong band at ~50 kD is unknown. After blocking, the membrane was probed with the primary antibody diluted to 1:500. For detection use HRP Gt-a-Rabbit IgG (LS-C60865). Detection of Gli-3 by western blot may be enhanced if nuclear extracts are used instead of whole cell lysates as the expression/abundance of Gli-3 is likely to be low. Furthermore, Gli3 expression is likely to be developmentally regulated and induced, making it difficult to detect in whole tissue homogenates.

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

© 2014 LifeSpan BioSciences