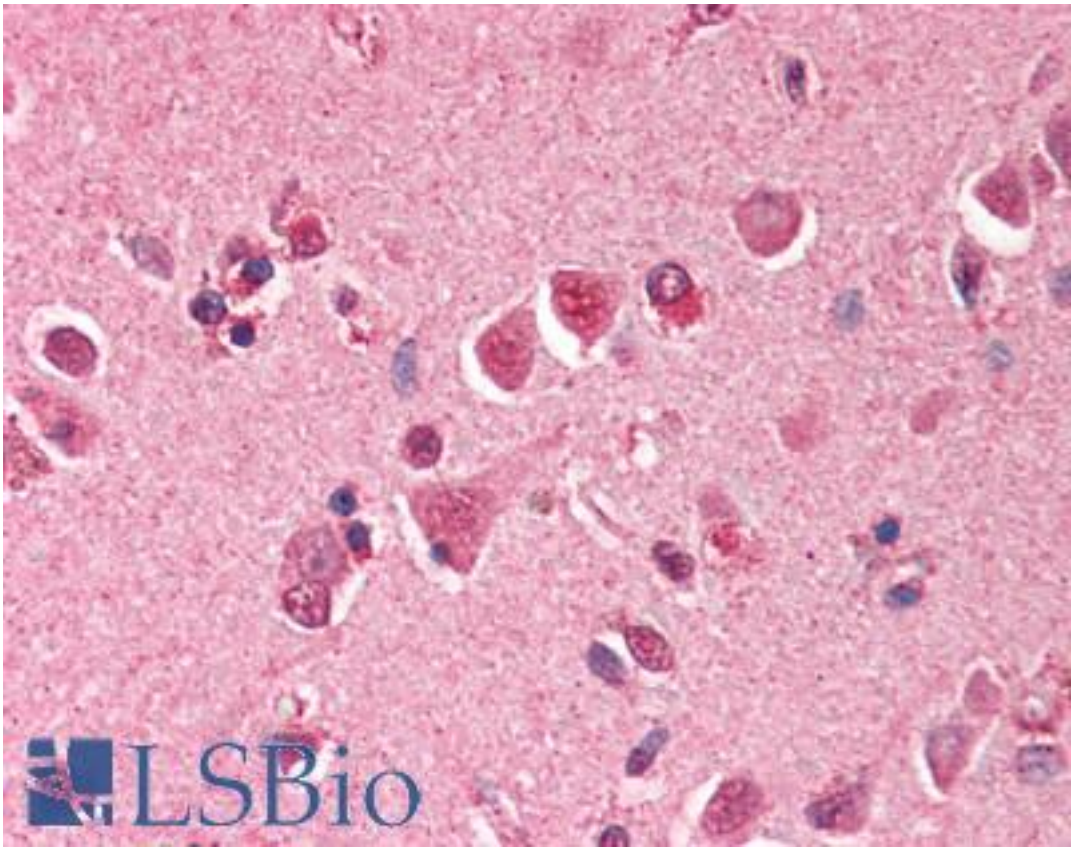
LSBio
LifeSpan BioSciences, Inc.

MAD2L1 / MAD2 Rabbit anti-Human Polyclonal (aa3-13) Antibody - LS-B389 - LSBio

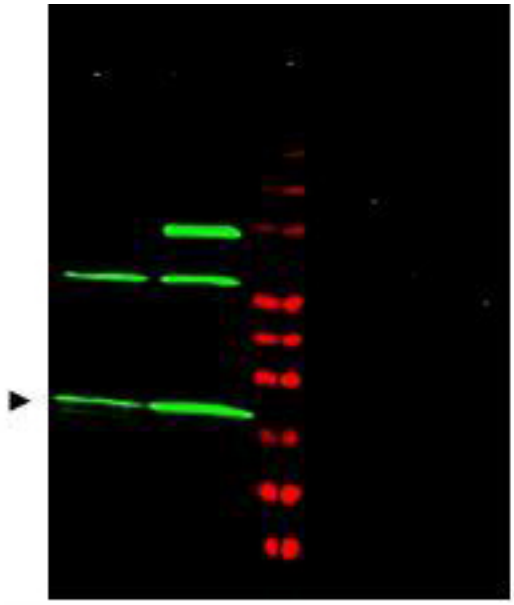
CatalogID:	LS-B389
Validation:	This antibody replaces catalog number LS-C19079. It has been validated for use in the following assays: IHC.
Target:	MAD2 mitotic arrest deficient-like 1 (yeast) (MAD2L1)
Synonyms:	MAD2L1 Antibody, HSMAD2 Antibody, MAD2 Antibody, MAD2-like protein 1 Antibody
Host	MAD2L1 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	MAD2L1 / MAD2 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	MAD2L1 / MAD2 antibody was raised against synthetic peptide from human MAD2L1.
Specificity:	Amino acid residues 3-13 of Human MAD2L1 protein.
Epitope:	aa3-13
Reactivity:	Human
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B389 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-B389 was determined to be 2.5 ug/ml.
Uses:	IHC - Paraffin (2.5 µg/ml), Immunofluorescence, Western blot (1:500 - 1:2000), ELISA (1:2000 - 1:10000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-MAD2L1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B389 concentration 5 ug/ml.

Western Blot Image:



Anti-MAD2L1 Antibody - Western Blot. Western blot of Affinity Purified anti-MAD2L1 antibody shows detection of a predominant band at ~24 kD corresponding to MAD2L1 (arrowhead) present in Jurkat (lane 1) and HeLa (lane 2) whole cell lysates using the 800 nm channel (green). The identity of the higher molecular weight bands is unknown, although they may represent complexes of MAD2L1 with related binding proteins. Specific band reactivity is blocked when the antibody is pre-incubated with immunizing peptide (lanes 4 and 5 respectively) which completely blocks antibody staining. ~35 ug of lysate was separated on a 4-20% Tris-glycine gel by SDS-PAGE and transferred onto nitrocellulose. After blocking the membrane was probed with the primary antibody diluted to 1:1200. Incubation was 2h at room temperature followed by washes and reaction with a 1:10000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MXHu (for 45 min at room temperature. Molecular weight markers were used for size comparison using the 700 nm channel (lane 3). IRDye800 fluorescence image was captured using the Odyssey Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.

Requested From:	Japan