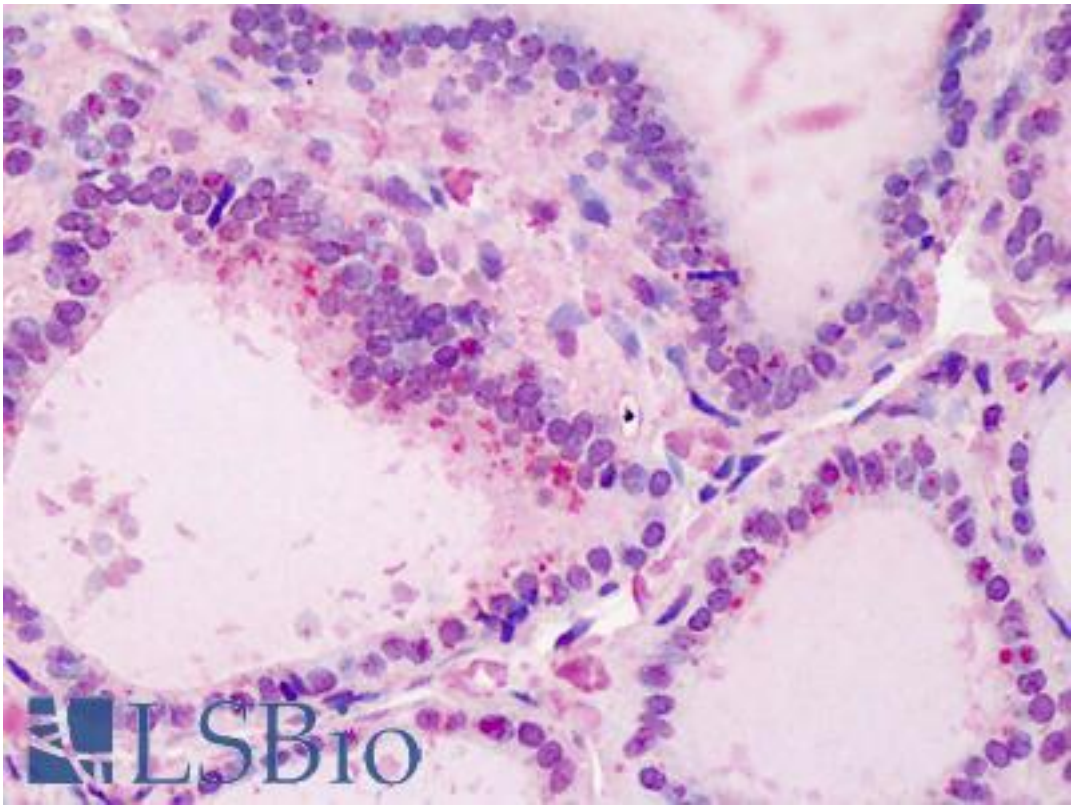
LSBio
LifeSpan BioSciences, Inc.

UBE2N / UBC13 Goat anti-Human Polyclonal (aa40-51) Antibody - LS-B433 - LSBio

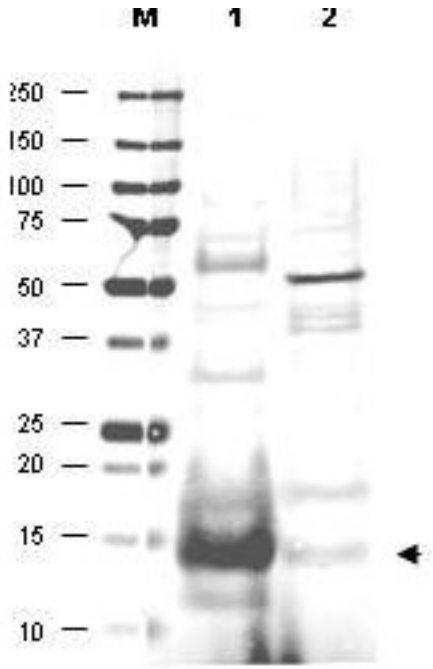
CatalogID:	LS-B433
Validation:	This antibody replaces catalog number LS-C18913. It has been validated for use in the following assays: IHC.
Target:	ubiquitin-conjugating enzyme E2N (UBE2N)
Synonyms:	UBE2N Antibody, BLU Antibody, UbcH13 Antibody, UbcH-ben Antibody, Ubiquitin carrier protein N Antibody, Yeast UBC13 homolog Antibody, UBC13 Antibody, Ubiquitin-protein ligase N Antibody
Host	UBE2N antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	UBE2N / UBC13 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	UBE2N / UBC13 antibody was raised against synthetic peptide from human UBE2N.
Specificity:	Amino acids 40-51 of human UBC13 protein.
Epitope:	aa40-51
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-B433 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-B433 was determined to be 2.5 ug/ml.
Uses:	IHC - Paraffin (2.5 µg/ml), Immunofluorescence, Western blot (1:500 - 1:2000), ELISA (1:5000 - 1:25000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-UBE2N antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B433 concentration 2.5 ug/ml.

Western Blot Image:



Anti-UBC13 Antibody - Western Blot. Western blot of affinity purified anti-UBC13 antibody shows detection of UBC13 protein in human small intestine lysate (lane 1) but not in mouse thymus lysate (lane 2). The heavily stained band in lane 1 (arrowhead) indicates this particular gel was overloaded with protein. The identity of minor reactive bands is unknown but could represent E2 complexes. Each lane contains approximately 20 ug of lysate. Primary antibody was used at a 1:500 dilution. The membrane was washed and reacted with a 1:10000 dilution of Alexa FluorTM 680 conjugated Rb-a-Goat IgG. Molecular weight estimation was made by comparison to prestained MW markers indicated at the left (lane M). Other detection systems will yield similar results.

Requested From:	Japan