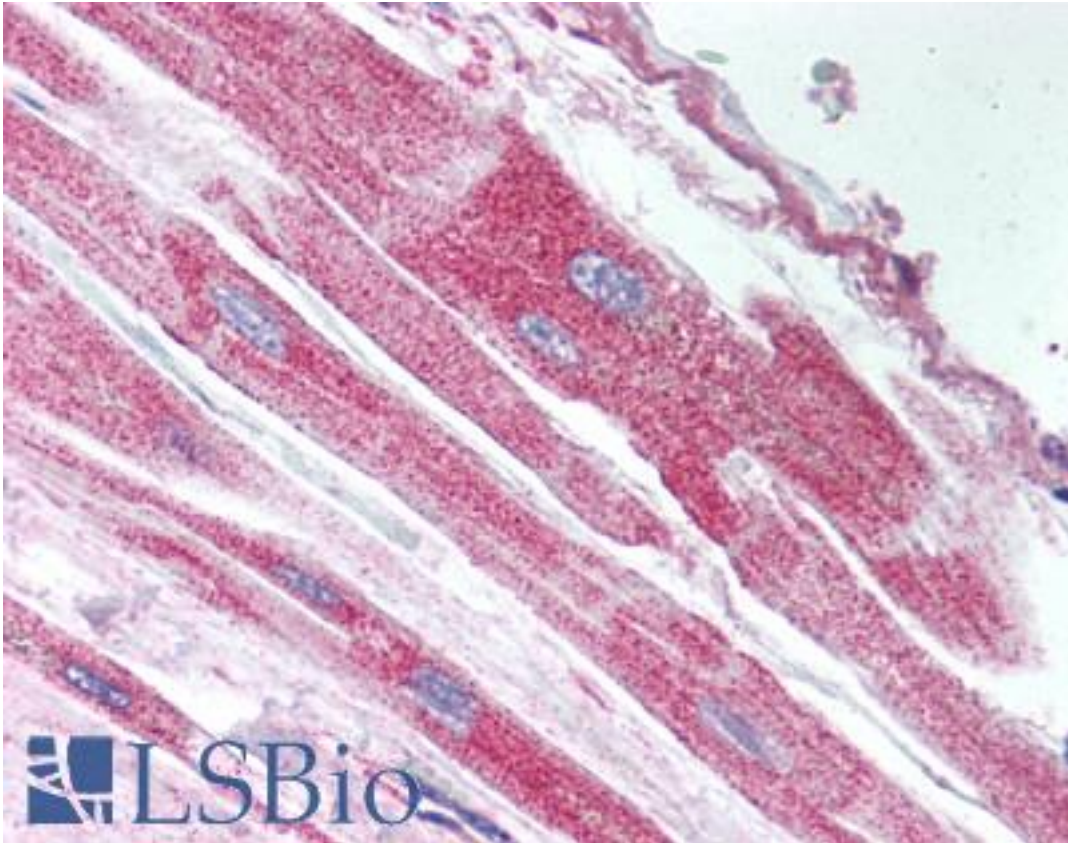


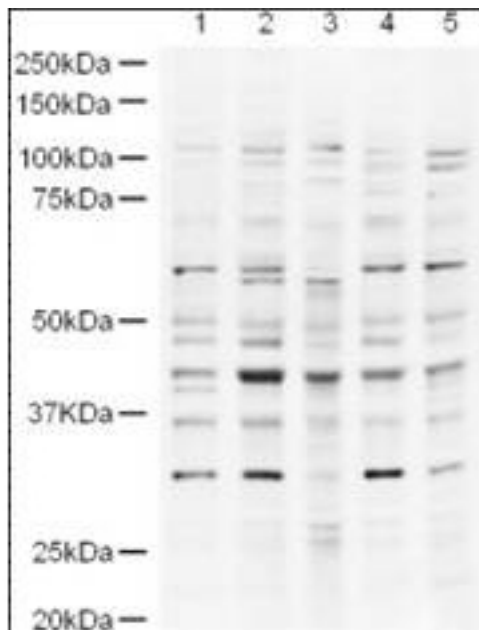
UBP43 / USP18 Rabbit anti-Human Polyclonal (aa40-49) Antibody - LS-B1182 - LSBio	
CatalogID:	LS-B1182
Validation:	This antibody replaces catalog number LS-C19087. It has been validated for use in the following assays: IHC.
Target:	ubiquitin specific peptidase 18 (USP18)
Synonyms:	USP18 Antibody, 43 kDa ISG15-specific protease Antibody, ISG43 Antibody, HUBP43 Antibody, ISG15 specific protease Antibody, Ubiquitin specific protease 18 Antibody, Ubl thioesterase 18 Antibody, Ubl thiolesterase 18 Antibody, UBP43 Antibody
Family / Subfamily:	Protease / Cysteine C19
Host	USP18 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	UBP43 / USP18 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	UBP43 / USP18 antibody was raised against synthetic peptide from human USP18.
Specificity:	Amino acids 40 to 49 of human USP18
Epitope:	aa40-49
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:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B1182 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-B1182 was determined to be 5 ug/ml.
Uses:	IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot (1:500 - 1:2000), ELISA (1:10000 - 1:50000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.93 mg/ml

Immunohistochemistry Image:



Anti-USP18 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1182 concentration 5 ug/ml.

Western Blot Image:



Anti-UBP43 Antibody - Western Blot. Western blot of Affinity Purified anti-UBP43 antibody shows detection of a band ~43 kD band (arrowhead) believed to be to UBP43 in lysates from HeLa nuclear extracts (lane 1) and whole cell lysates from HeLa (lane 2), A431 (lane 3, Jurkat (Lane 4) and HEK293 (lane 5). Approximately 18 ug of each lysate was run on a SDS-PAGE and transferred onto nitrocellulose followed by reaction with a 1:500 dilution of anti-UBP43 antibody. Signal was detected using standard techniques. The strong band between the 37kD and 50kD markers is expected to be UBP43. The other bands are probably non-specific.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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