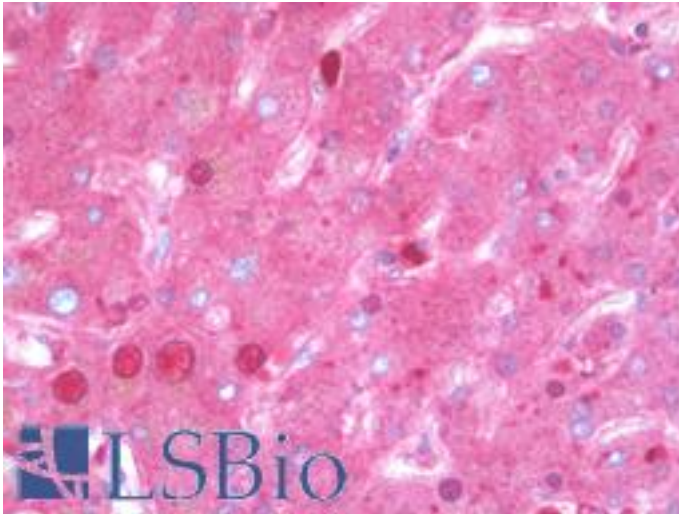


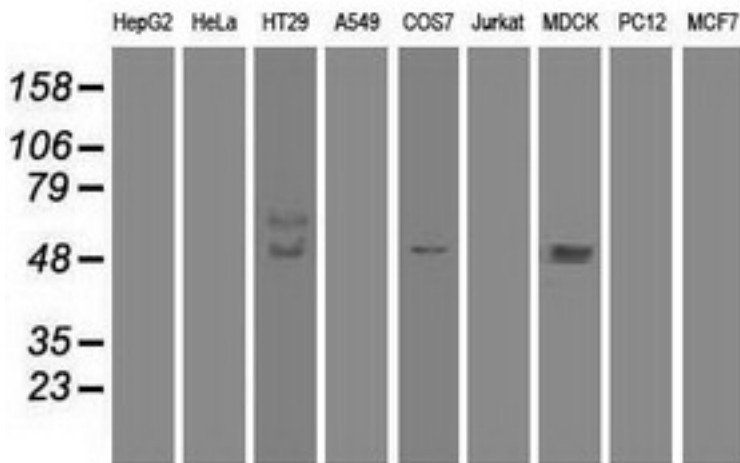
SERPINA1 / Alpha 1 Antitrypsin Mouse anti-Human Monoclonal (5B12) Antibody - LS-B10260 - LSBio	
CatalogID:	LS-B10260
Validation:	This antibody replaces catalog number LS-C114480. It has been validated for use in the following assays: IHC-P.
Target:	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (SERPINA1)
Synonyms:	SERPINA1 Antibody, A1A Antibody, A1AT Antibody, AAT Antibody, Alpha 1 Antitrypsin Antibody, Alpha-1 protease inhibitor Antibody, Alpha-1-antiproteinase Antibody, Alpha-1-antitrypsin Antibody, Alpha1AT Antibody, PRO2275 Antibody, Alpha-1-antitrypsin null Antibody, PI1 Antibody, Serpin A1 Antibody
Host	SERPINA1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	5B12
Immunogen Species:	SERPINA1 / Alpha 1 Antitrypsin antibody was raised against Human
Antigen Type:	Recombinant protein
Immunogen:	SERPINA1 / Alpha 1 Antitrypsin antibody was raised against full length human recombinant protein of human SERPINA1 (NP_000286) produced in HEK293T cell.
Specificity:	Human SERPINA1 / Alpha 1 Antitrypsin
Reactivity:	Human, Monkey, Dog
Purification:	Protein A/G purified
Presentation:	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Recommended Storage:	Store at -20°C. Minimize freezing and thawing.
Usage Summary:	Concentration: 0.5-1.0 mg/ml (Lot dependent)
Uses:	IHC - Paraffin (10 µg/ml), Western blot (1:500 - 1:1000), Immunoprecipitation (Optimal dilution to be determined by the researcher)
Size:	50 µl
Concentration:	0.72 mg/ml

Immunohistochemistry Image:



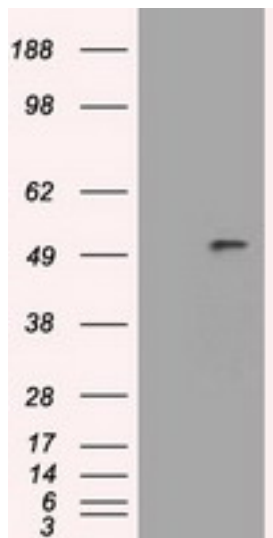
Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

Western Blot Image:



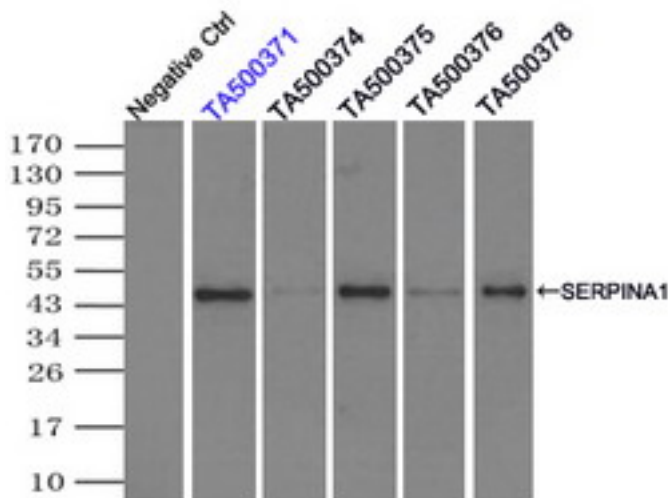
Western blot of extracts (35 ug) from 9 different cell lines by using anti-SERPINA1 monoclonal antibody.

Western Blot Image:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SERPINA1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SERPINA1.

Immunoprecipitation Image:



Immunoprecipitation(IP) of SERPINA1 by using monoclonal anti-SERPINA1 antibodies (Negative control: IP without adding anti-SERPINA1 antibody.). For each experiment, 500ul of DDK tagged SERPINA1 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2 ug of anti-SERPINA1 antibody and 20ul (0.1 mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/23/2014

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