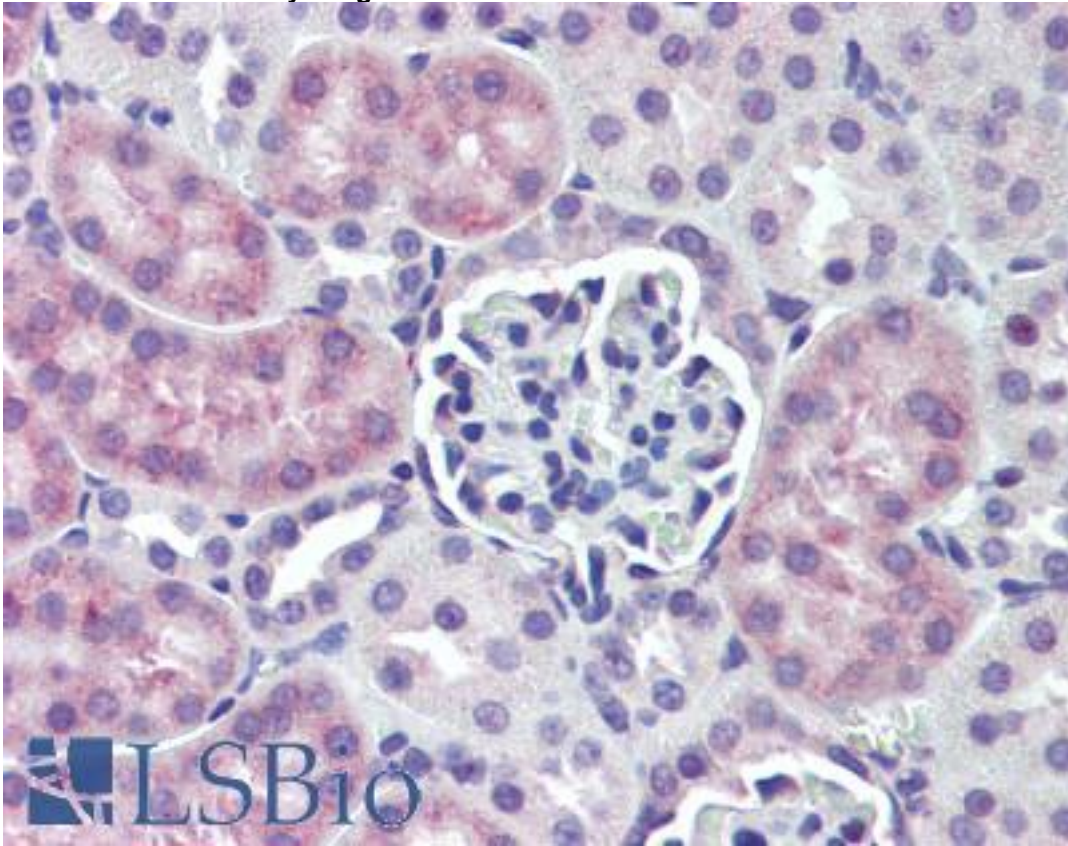


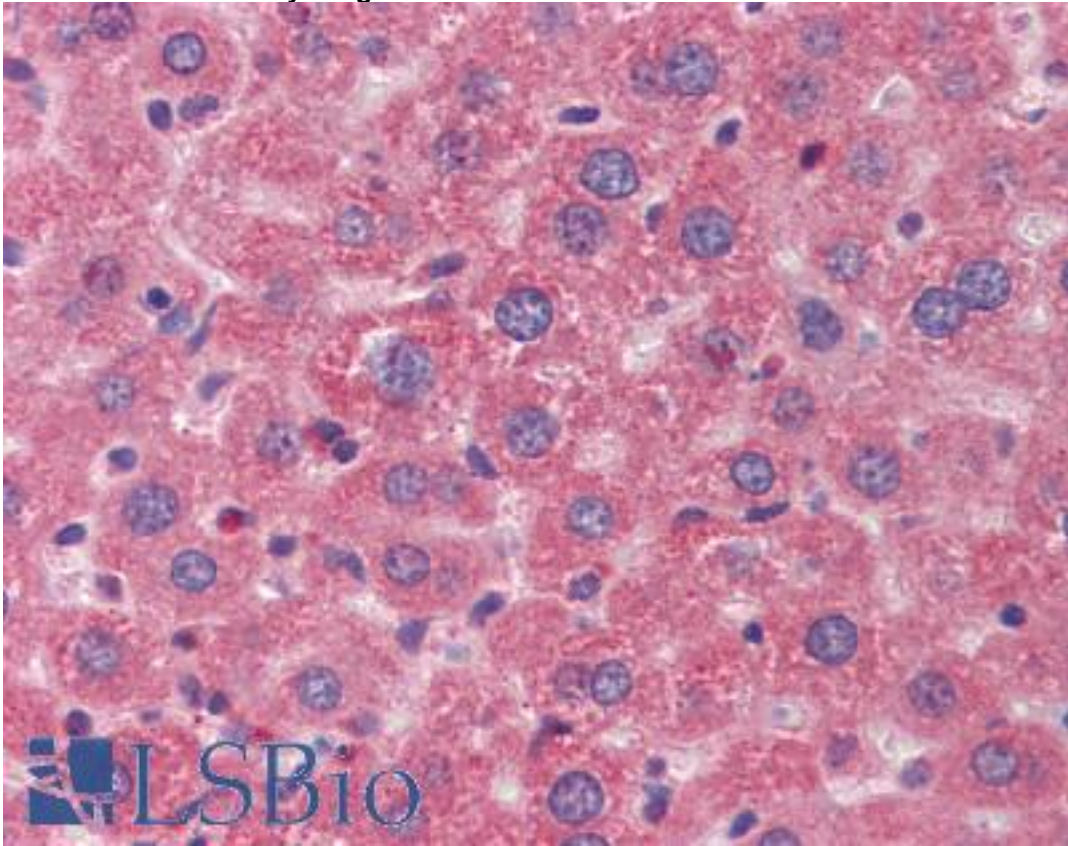
ANGPT1 / Angiotensinogen-converting enzyme 1 Rabbit anti-Mouse Polyclonal (N-Terminus) Antibody - LS-B62 - LSBio	
<b>CatalogID:</b>	LS-B62
<b>Validation:</b>	This antibody replaces catalog number LS-C18948. It has been validated for use in the following assays: IHC.
<b>Target:</b>	angiotensinogen 1 (ANGPT1)
<b>Synonyms:</b>	ANGPT1 Antibody, AGP1 Antibody, AGPT Antibody, ANG1 Antibody, angiotensinogen-1 Antibody
<b>Host</b>	ANGPT1 antibody was produced in Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	ANGPT1 / Angiotensinogen-1 antibody was raised against Mouse
<b>Immunogen:</b>	ANGPT1 / Angiotensinogen-1 antibody was raised against synthetic peptide from mouse ANGPT1 / Angiotensinogen-1.
<b>Specificity:</b>	Synthetic peptide N-Q-R-R-N-P-E-N-G-G-R-R-Y-N-R-I-Q-H-G-Q corresponding to a region (aa 21-40) near the N-terminus of mouse angiotensinogen 1 protein conjugated to KLH using maleimide. A residue of cysteine was added to the amino terminal end to facilitate coupling.
<b>Epitope:</b>	N-Terminus
<b>Reactivity:</b>	Human, Mouse
<b>Purification:</b>	Sterile Filtration
<b>Presentation:</b>	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
<b>Recommended Storage:</b>	+4°C or -20°C, Avoid repeated freezing and thawing.
<b>Usage Summary:</b>	Immunohistochemistry: LS-B62 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues and mouse 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 LS-D1, 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-B62 was determined to be 1:200.
<b>Uses:</b>	Immunohistochemistry - Paraffin (IHC-P) (1:200), Western blot (WB) (1:500 - 1:2000), ELISA (1:5000 - 1:25000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µl

**Immunohistochemistry Image:**



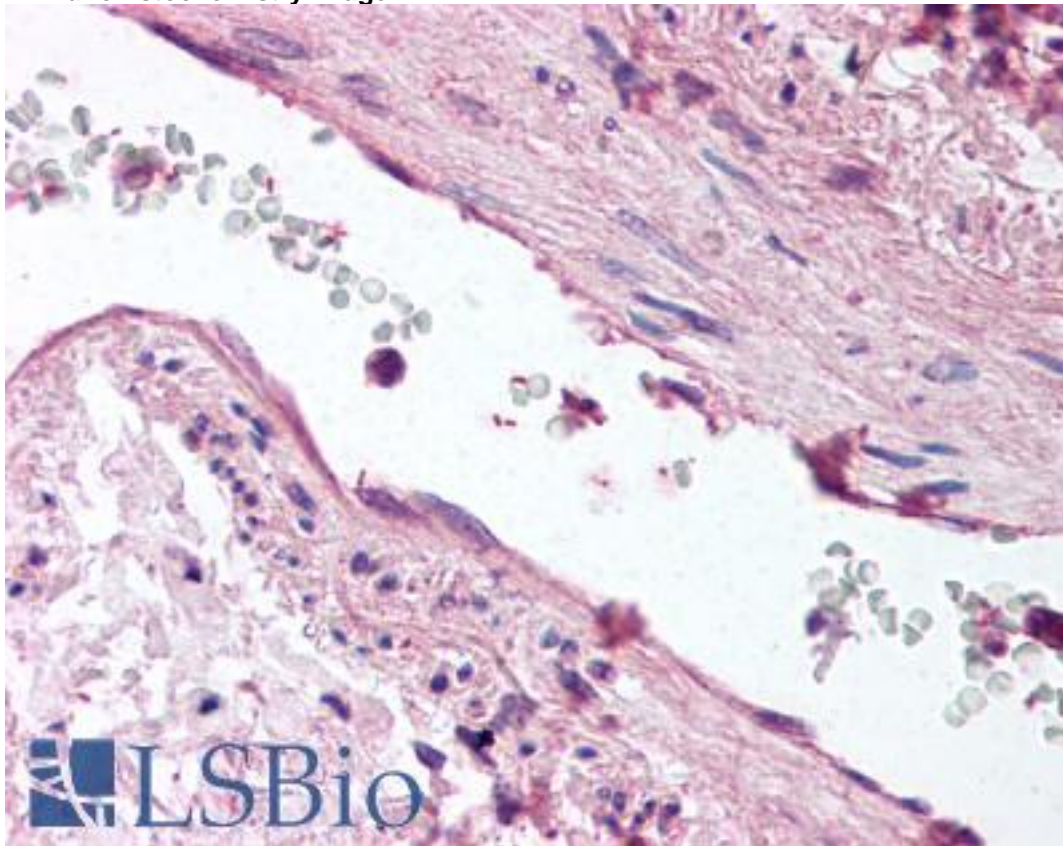
Anti-ANGPT1 / Angiotensin-converting enzyme 1 antibody IHC staining of mouse kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B62 dilution 1:200.

**Immunohistochemistry Image:**



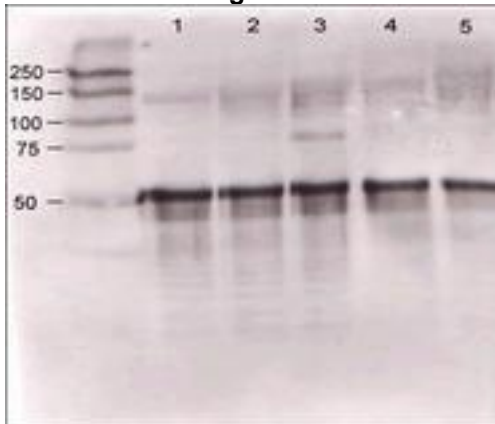
Anti-ANGPT1 / Angiotensin-converting enzyme 1 antibody IHC staining of mouse liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B62 dilution 1:200.

**Immunohistochemistry Image:**



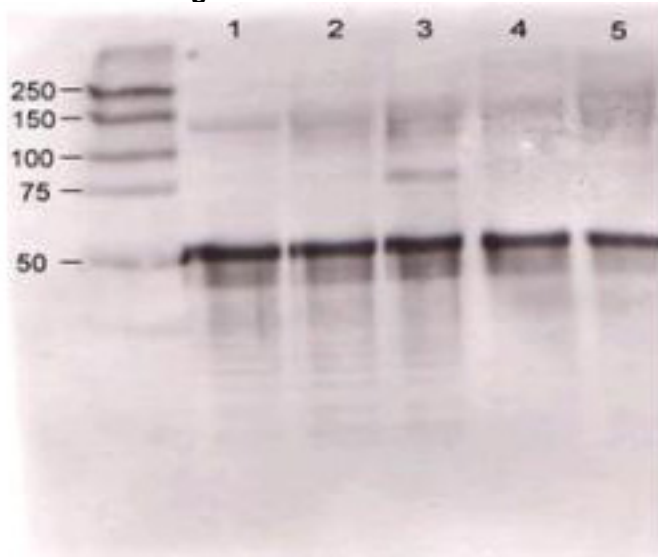
Anti-ANGPT1 / Angiotensin-converting enzyme 1 (ACE1) antibody IHC staining of human lung, vessel. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B62 dilution 1:200.

**Western Blot Image:**



Rabbit anti-Ang-1 was used at a 1:500 dilution to detect mouse Ang-1 by western blot against supernatants of mouse angiopoietin-expressing endothelial cells. Lane 1 - wt endothelial cells. Lane 2 - mouse Ang-1 (clone 1-8) expressing cells. Lane 3 - mouse Ang-1 (clone 1-15) expressing cells. Lane 4 - mouse Ang-2 (clone 2-9) expressing cells.

**Western Blot Image:**



Anti-Ang-1 Antibody - Western Blot. Rabbit anti-Ang-1 was used at a 1:500 dilution to detect mouse Ang-1 by western blot against supernatants of mouse angiopoietin-expressing endothelial cells. Lane 1 - wt endothelial cells. Lane 2 - mouse Ang-1 (clone 1-8) expressing cells. Lane 3 - mouse Ang-1 (clone 1-15) expressing cells. Lane 4 - mouse Ang-2 (clone 2-9) expressing cells. Approximately 20 ug of each lysate was used for 10% SDS-PAGE. Immunoprecipitation preceded the reaction with primary antibody at room temperature for 1 h. After subsequent washing, a 1:5000 dilution of HRP conjugated Gt-a-Rabbit IgG (LS-C60865) preceded color development.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 11/29/2012

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