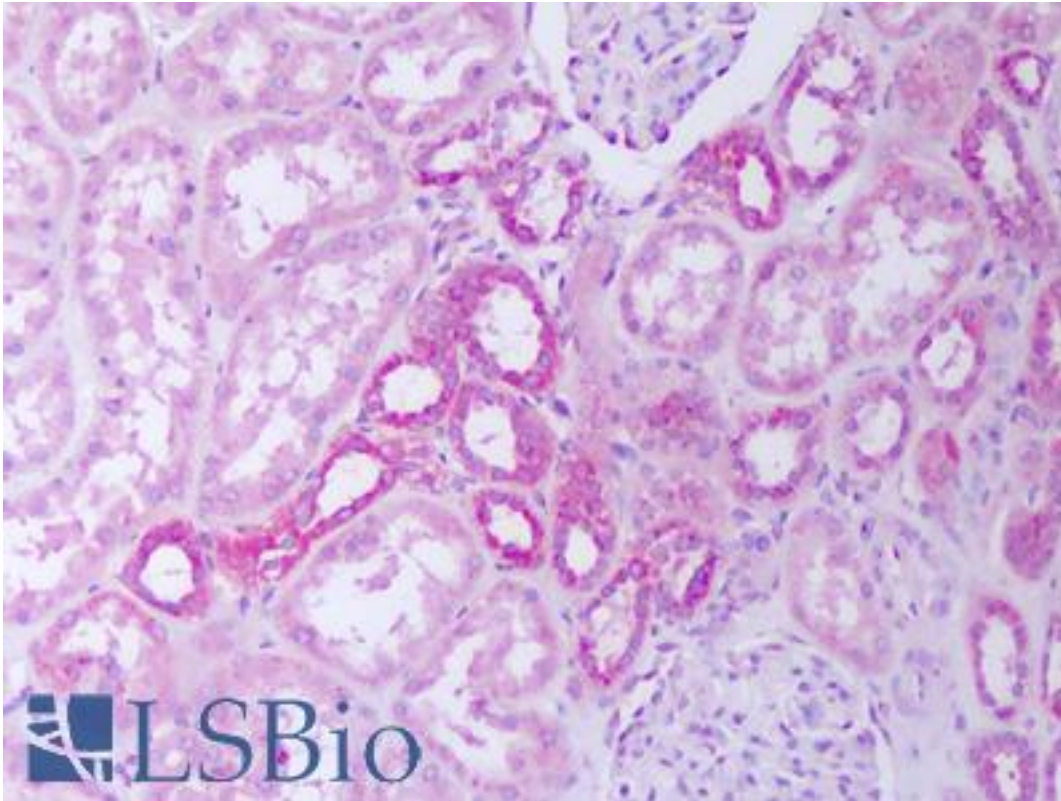


IL31 Rabbit anti-Human Polyclonal Antibody - LS-B7477 - LSBio

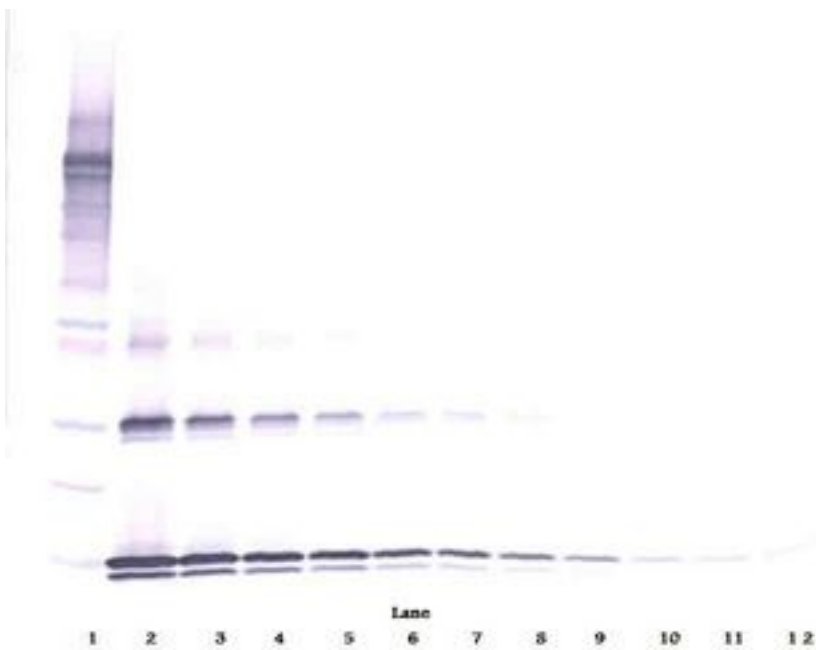
CatalogID:	LS-B7477
Validation:	This antibody replaces catalog number LS-C104562. It has been validated for use in the following assays: IHC-P.
Target:	interleukin 31 (IL31)
Synonyms:	IL31 Antibody, IL-31 Antibody, Interleukin 31 Antibody, Interleukin-31 Antibody
Family / Subfamily:	Interleukin
Host	IL31 antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	IL31 antibody was raised against Human
Antigen Type:	Cell extract
Immunogen:	IL31 antibody was raised against e.coli derived recombinant Human IL-31.
Specificity:	Human IL-31
Reactivity:	Human
Purification:	Immunoaffinity purified
Reconstitution:	Sterile water. Possible additional volumes for resuspension: 50 µl
Presentation:	Lyophilized from PBS, pH 7.2
Recommended Storage:	Store Lyophilized at room temperature up to 1 month; Reconstituted for up to two weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B7477 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 5 µg/ml is recommended. ELISA: To detect hIL-31 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human IL-31 (LS-C104302) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hIL-31. Western Blot: To detect hIL-31 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-31 is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Uses:	IHC - Paraffin (5 µg/ml), Western blot (0.1 - 0.2 µg/ml), ELISA (0.5 - 2 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml (after resuspension)

Immunohistochemistry Image:



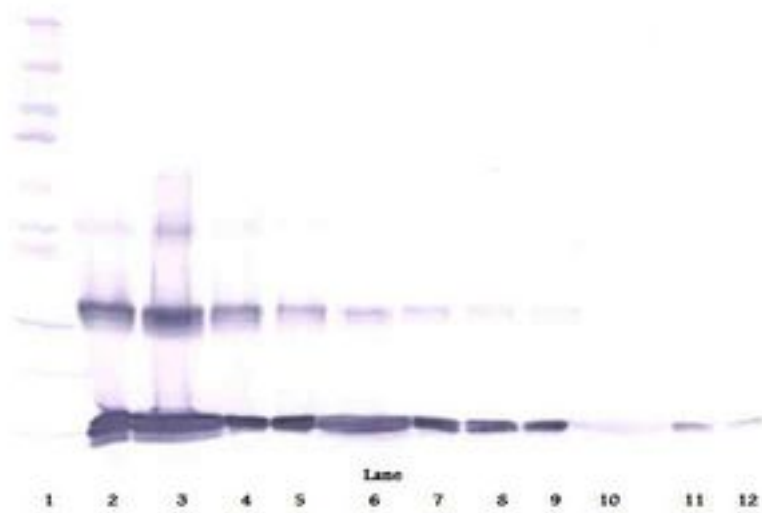
Anti-IL-31 antibody IHC of human kidney, tubules. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B7477 concentration 5 ug/ml.

Western Blot Image:



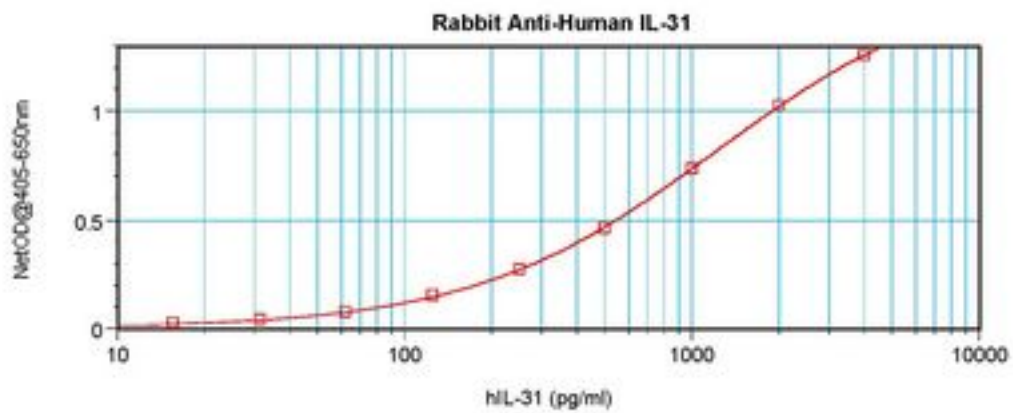
Western Blot (non-reducing) of IL-31 antibody LS-B7477

Western Blot Image:



Western Blot (reducing) of IL-31 antibody LS-B7477

ELISA Image:



Sandwich ELISA of IL-31 antibody LS-B7477

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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