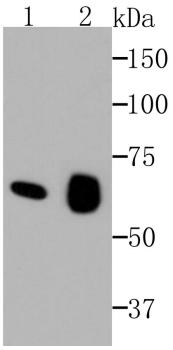
Occludin Polyclonal Antibody

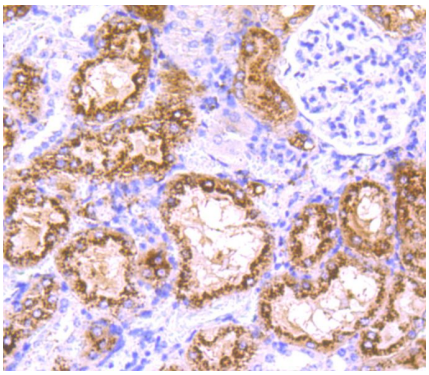
Product Details	
Size	50ul/100ul
Species Reactivity	Human, Mouse, Rat
Application	WB,IF-Cell,IHC-P,FC
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide within human Occludin aa 6-45 conjugated to Keyhole Limpet Haemocyanin (KLH).
Form	Liquid
Concentration	1 mg/mL
Purification	Immunogen affinity purified.
Storage buffer	1*PBS (pH7.4), 0.2% BSA, 50% Glycerol. Preservative: 0.05% Sodium Azide.
Contains	0.2% BSA, 50% Glycerol. Preservative: 0.05% Sodium Azide.
Storage conditions	Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze thaw cycles.

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:5000	-
Immunohistochemistry (IHC)	1:50-200	-
Immunocytochemistry (ICC/IF)	1:100	-

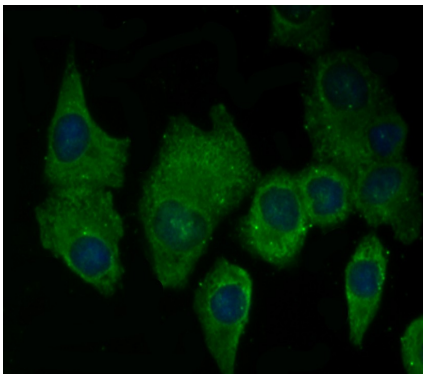
Product Images For Occludin Polyclonal Antibody



Western blot analysis of Occludin on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature.
Positive control:
Lane 1: Mouse kidney tissue lysate
Lane 2: Human kidney tissue lysate



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Occludin antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes.The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (RA1152, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



ICC staining of Occludin in A549 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 10% negative goat serum for 15 minutes at room temperature. Cells were probed with the primary antibody (RA1152, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 conjugate-Goat anti-Rabbit IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue).