

Occludin antibody

Cat. No. GTX114949

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat, Monkey

References (21)

★★★★★ Review (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 59 kDa. ([Note](#))**Product Note** This antibody may not be suitable for mouse WB assay, as its mouse reactivity is based on IHC-P testing.

Properties

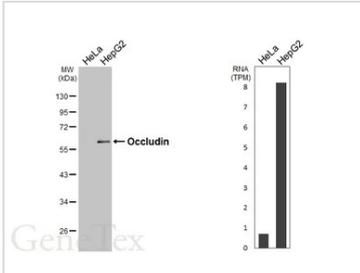
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.94 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Occludin. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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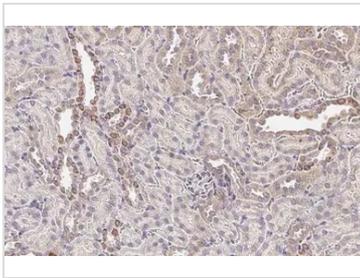
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DATA IMAGES



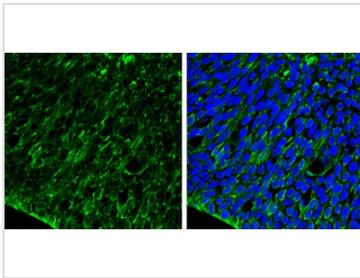
GTX114949 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Occludin antibody (GTX114949) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



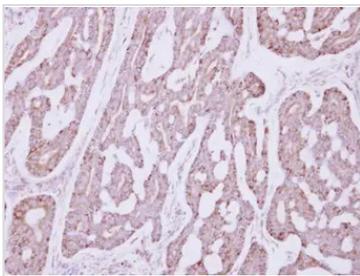
GTX114949 IHC-P Image

Occludin antibody detects Occludin protein at cell membrane by immunohistochemical analysis. Sample: Paraffin-embedded rat kidney. Occludin stained by Occludin antibody (GTX114949) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX114949 IHC-Fr Image

Occludin antibody detects Occludin protein expression by immunohistochemical analysis. Sample: Frozen sectioned E13.5 Rat brain. Green: Occludin protein stained by Occludin antibody (GTX114949) diluted at 1:250. Blue: Fluoroshield with DAPI (GTX30920).



GTX114949 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human breast cancer, using Occludin(GTX114949) antibody at 1:250 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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