

## 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 ( 23 )

★★★★★ 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

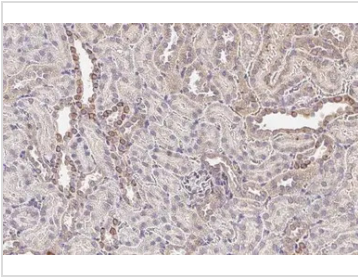


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**Note**

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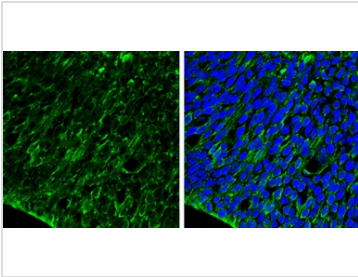
**DATA IMAGES**

**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

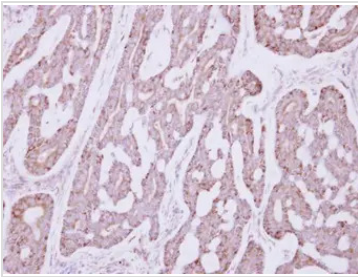

**GTx114949 IHC-Fr Image**

Occludin antibody detects Occludin protein expression by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

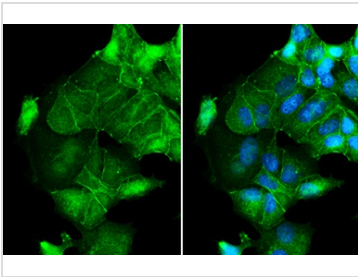
Green: Occludin protein stained by Occludin antibody (GTx114949) diluted at 1:250.

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


**GTx114949 ICC/IF Image**

Occludin antibody detects Occludin protein at cell membrane by immunofluorescent analysis.

Sample: MCF-7 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Occludin stained by Occludin antibody (GTx114949) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).



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