

Product Datasheet

Claudin 5 Rabbit Polyclonal Antibody (orb500980)

Catalog Number	orb500980
Category	Antibodies
Description	Claudin 5 Rabbit Polyclonal Antibody
Target	CLDN5
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Rat
Predicted Reactivity	Bovine, Canine, Mouse, Porcine, Rabbit
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human claudin 5 (29-81/218aa)
UniProt ID	O00501
MW	30 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB

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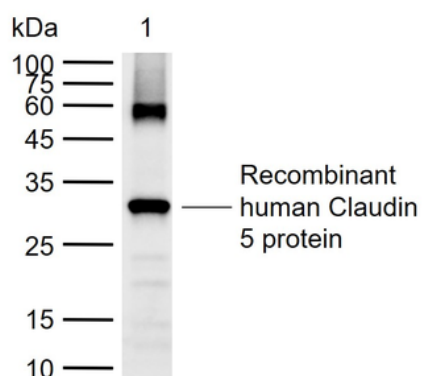
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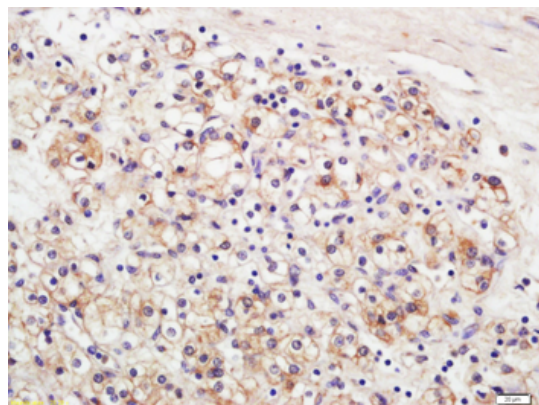
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Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Sample: Lane 1: Recombinant human Claudin 5 protein, N-Trx-His, Primary: Anti-Claudin 5 (orb500980) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 24 kDa, Observed band size: 30 kDa.



Tissue/Cell: human kidney cancer, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Claudin Polyclonal Antibody, Unconjugated (orb500980) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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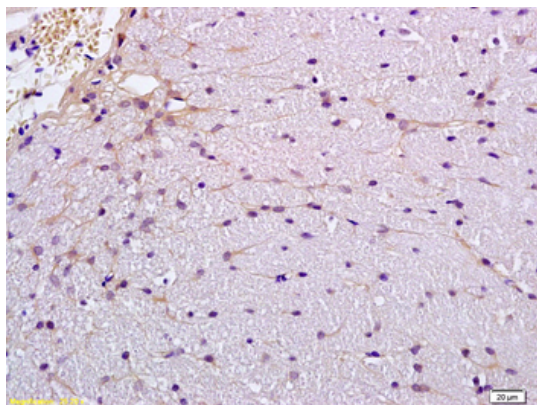
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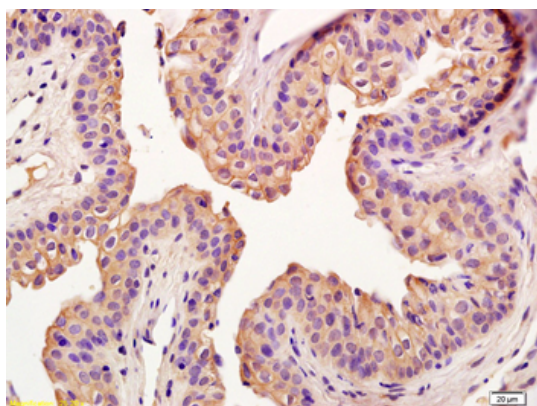
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Tissue/Cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Claudin-5 Polyclonal Antibody, Unconjugated (orb500980) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/Cell: rat penis tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Claudin-5 Polyclonal Antibody, Unconjugated (orb500980) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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