

Product datasheet for **AP26410PU-N**

Occludin (OCLN) (358-504) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Immunohistochemistry on Frozen Sections: The typical starting working dilution is 1/50. Immunofluorescence: The typical starting working dilution is 1/50. Western blot: The typical starting working dilution is 1/50.
Reactivity:	Canine, Human, Mouse, Rat
Host:	Guinea Pig
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Recombinant Human Occludin (aa 358-504)
Specificity:	The polyclonal antibody reacts with Occludin.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	occludin
Database Link:	Entrez Gene 100506658 Human Q16625



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Background:

Occludin is an integral membrane protein specifically associated with tight junctions. These specialized regions of the plasma membrane prevent the diffusion of dissolved molecules between adjacent epithelial cells, seal off body cavities such as intestine or stomach lumen and prevent the diffusion of membrane proteins and glycolipids between the apical and basolateral regions of the plasma membrane. Occludin is localized at tight junctions of both epithelial and endothelial cells and is highly expressed in kidney and has not been detected in testis. On the cytoplasmic surface of occludin, a domain within the C-terminal 150 residues has been shown to bind directly to the well-characterized tight junction protein zona occludens 1 (ZO-1).

Synonyms:

OCLN