
Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| Product SKU: | CAB12912 | Gene ID: | 1364 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human |

Additional Information

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|-----------------------|-------|-------------------|--------------|
| Observed MW: | 18kDa | Conjugate: | Unconjugated |
| Calculated MW: | 22kDa | Isotype: | IgG |

Immunogen Information

Background: The protein encoded by this intronless gene belongs to the claudin family. Claudins are integral membrane proteins that are components of the epithelial cell tight junctions, which regulate movement of solutes and ions through the paracellular space. This protein is a high-affinity receptor for Clostridium perfringens enterotoxin (CPE) and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems.

Recommended Dilution: WB, 1:2000 - 1:4000 IHC-P, 1:50 - 1:100

Synonyms: CPER; CPE-R; CPETR; CPETR1; WBSCR8; hCPE-R; CLDN4

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 109-209 of human CLDN4 (NP_001296.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.