

CAB19644

Product Information

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| Product SKU: | CAB19644 | Gene ID: | 1014 | Size: | 20uL, 100uL |
| Clone No: | ARC2212 | Host Species: | Rabbit | Reactivity: | Human,Mouse |

Additional Information

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| Observed MW: | 120kDa | Conjugate: | Unconjugated |
| Calculated MW: | 90kDa | Isotype: | IgG |

Immunogen Information

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| Background: | This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. Mapped to a previously identified cluster of cadherin genes on chromosome 16q22.1, the gene localizes with superfamily members CDH1, CDH3, CDH5, CDH8 and CDH11. The protein consists of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain but lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most classical cadherins. Expression is exclusively in kidney, where the protein functions as the principal mediator of homotypic cellular recognition, playing a role in the morphogenic direction of tissue development. Alternatively spliced transcript variants encoding distinct isoforms have been identified. |
| Recommended Dilution: | WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200 |
| Synonyms: | Ksp cadherin; Cadherin 16 |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 50-180 of human Cadherin 16 (O75309). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3. |