

Product Information

|              |          |               |        |             |             |
|--------------|----------|---------------|--------|-------------|-------------|
| Product SKU: | CAB12999 | Gene ID:      | 6557   | Size:       | 20uL, 100uL |
| Clone No:    | -        | Host Species: | Rabbit | Reactivity: | Mouse,Rat   |

Additional Information

|                |        |            |              |
|----------------|--------|------------|--------------|
| Observed MW:   | 150kDa | Conjugate: | Unconjugated |
| Calculated MW: | 121kDa | Isotype:   | IgG          |

Immunogen Information

|                       |  |
|-----------------------|--|
| Background:           | This gene encodes a kidney-specific sodium-potassium-chloride cotransporter that is expressed on the luminal membrane of renal epithelial cells of the thick ascending limb of Henle's loop and the macula densa. It plays a key role in concentrating urine and accounts for most of the NaCl resorption. It is sensitive to such diuretics as furosemide and bumetanide. Some Bartter-like syndromes result from defects in this gene. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but their biological validity in humans has not been experimentally proven. |
| Recommended Dilution: | WB,1:500 - 1:2000  |
| Synonyms:             | BSC; BSC1; CCC2; BSC-1; NKCC2; SLC12A1   |
| Purification Method:  | Affinity purification  |
| Immunogen:            | A synthetic peptide corresponding to a sequence within amino acids 50-150 of human SLC12A1 (NP_000329.2).  |
| Storage:              | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.   |