

Product datasheet

Anti-BSND antibody ab108150

1 Image

Overview

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|----------------------------|---|
| Product name | Anti-BSND antibody |
| Description | Rabbit polyclonal to BSND |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide corresponding to a region within internal sequence amino acids 211-260 (PNASPHDREE ACSPQQEPQG CRCPLDRFQD FALIDAPTLTLE DEPQEGQQWE) of Human BSND (NP_476517). Run BLAST with ExPASy Run BLAST with NCBI |
| Positive control | Human fetal heart lysate |

Properties

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| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Preservative: None Constituents: 2% Sucrose, PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

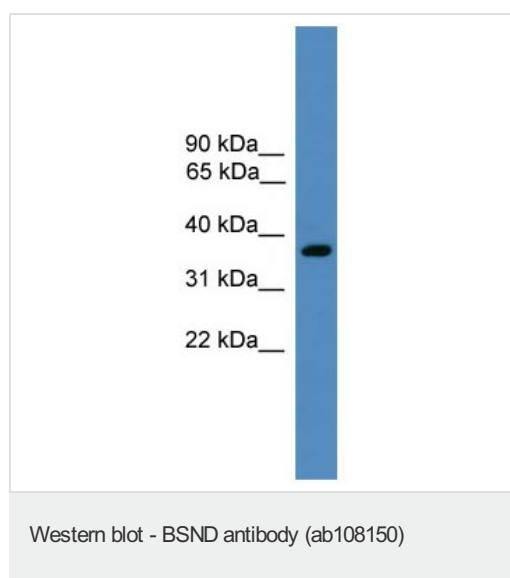
Our [Abpromise guarantee](#) covers the use of **ab108150** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | | Use a concentration of 1 µg/ml. Predicted molecular weight: 35 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T. |

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| Function | Functions as a beta-subunit for CLCNKA and CLCNKB chloride channels. In the kidney CLCNK/BSND heteromers mediate chloride reabsorption by facilitating its basolateral efflux. In the stria, CLCNK/BSND channels drive potassium secretion by recycling chloride for the basolateral SLC12A2 cotransporter. |
| Tissue specificity | Expressed primarily in kidney. Expressed in specific nephron segments and in the stria vascularis of the inner ear. |
| Involvement in disease | Bartter syndrome 4A |
| Cellular localization | Cell membrane. Cytoplasm. A significant amount also observed intracellularly. Staining in membranes of the renal tubule and of potassium-secreting epithelia of the inner ear is basolateral. |

Images



Anti-BSND antibody (ab108150) at 1 µg/ml +
Human fetal heart lysate at 10 µg

Predicted band size : 35 kDa

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