

Rabbit anti-Human, mouse BSND Polyclonal Antibody | anti-BSND antibody

BSND Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289324	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

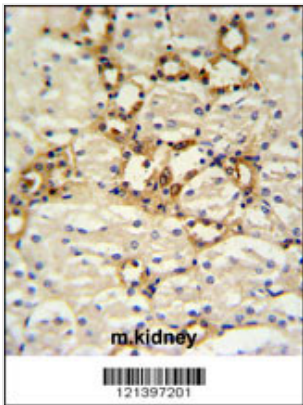
PRODUCT SYNONYMS

BSND; Polyclonal Antibody; BSND Antibody (C-term); Barttin; BART; anti-BSND antibody

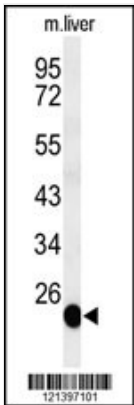
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BSND antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 292-320 amino acids from the C-terminal region of human BSND.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	292-320
Sequence Length	320
Applicable Applications for anti-BSND antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
BSND Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded mouse kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the BSND Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of BSND Antibody (C-term) in mouse liver tissue lysates (35ug/lane). BSND (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-BSND antibody	BSND encodes an essential beta subunit for CLC chloride channels. These heteromeric channels localize to basolateral membranes of renal tubules and of potassium-secreting epithelia of the inner ear.
Product Categories/Family for anti-BSND antibody	Neuroscience; Signal Transduction
References	Riazuddin, S., et al. Am. J. Hum. Genet. 85(2):273-280(2009) Brochard, K., et al. Nephrol. Dial. Transplant. 24(5):1455-1464(2009) Bircan, Z., et al. Pediatr. Nephrol. 24(4):841-844(2009) Kathiresan, S., et al. Nat. Genet. 41(3):334-341(2009) Kathiresan, S., et al. Nat. Genet. 41(1):56-65(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	17017967
NCBI GeneID	7809
NCBI Accession #	NP_476517.1
NCBI GenBank Nucleotide #	NM_057176.2
UniProt Accession #	Q8WZ55 ; Q6NT28
Molecular Weight	35197
NCBI Official Full Name	barttin
NCBI Official Synonym Full Names	barttin CLCNK-type chloride channel accessory beta subunit
NCBI Official Symbol	BSND
NCBI Official Synonym Symbols	BART; DFNB73
NCBI Protein Information	barttin
UniProt Protein Name	Barttin
UniProt Gene Name	BSND
UniProt Synonym Gene Names	BART
UniProt Entry Name	BSND_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bsnd-antibody-immunohistochemistry-western-blot-elisa/289324>