

beta Defensin 1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57970

Specification

beta Defensin 1 Polyclonal Antibody - Product Information

Application IHC-F, IF, E
Primary Accession P60022
Host Rabbit
Clonality Polyclonal
Calculated MW 7420

beta Defensin 1 Polyclonal Antibody - Additional Information

Gene ID 1672

Other Names

Beta-defensin 1, BD-1, hBD-1, Defensin, beta 1, DEFB1, BD1, HBD1

Dilution

IHC-F~~N/A<br \> IF~~1:50~200<br \> E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

beta Defensin 1 Polyclonal Antibody - Protein Information

Name DEFB1

Synonyms BD1, HBD1

Function

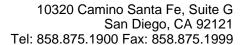
Has bactericidal activity. May act as a ligand for C-C chemokine receptor CCR6. Positively regulates the sperm motility and bactericidal activity in a CCR6-dependent manner. Binds to CCR6 and triggers Ca2+ mobilization in the sperm which is important for its motility (PubMed:25122636).

Cellular Location

Secreted. Membrane. Note=Associates with tumor cell membrane-derived microvesicles (PubMed:23938203)

Tissue Location

Blood plasma. Sperm. Highly expressed in the lower head and midpiece of sperm. Significantly reduced levels found in the sperms of asthenozoospermia and leukocytospermia patients (at protein level).





beta Defensin 1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

beta Defensin 1 Polyclonal Antibody - Images