

Product datasheet

Anti-beta 4 Defensin antibody (Biotin) ab70216

Overview

Product name	Anti-beta 4 Defensin antibody (Biotin)
Description	Rabbit polyclonal to beta 4 Defensin (Biotin)
Conjugation	Biotin
Tested applications	Suitable for: WB, ELISA, Sandwich ELISA
Species reactivity	Reacts with: Human
Immunogen	Highly pure (>98%) Human Recombinant full length beta 4 Defensin

Properties

Form	Lyophilised:Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: None Constituents: PBS, pH 7.2
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab70216** 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 0.1 - 0.2 µg/ml. Predicted molecular weight: 8 kDa.
ELISA		Use a concentration of 0.25 - 1 µg/ml.
Sandwich ELISA		Use a concentration of 0.25 - 1 µg/ml. Can be paired for Sandwich ELISA with Rabbit polyclonal to beta 4 Defensin (ab70215) . Can be used as Detection antibody.

Target

Function	Has antimicrobial activity. Synergistic effects with lysozyme and DEFB103.
Tissue specificity	High expression in the testis. Gastric antrum exhibited relatively high levels. A lower expression is observed in uterus and neutrophils thyroid gland, lung, and kidney. No detectable expression in other tissues tested.
Sequence similarities	Belongs to the beta-defensin family.
Cellular localization	Secreted.

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