





Product datasheet

Anti-DEFB-4 antibody ab123514

Overview

<b>Product name</b>	Anti-DEFB-4 antibody
<b>Description</b>	Goat polyclonal to DEFB-4
	<p> This product is a <a href="#">fast track antibody</a>. It has been affinity purified and shows high titre values against the immunizing peptide by ELISA. <a href="#">Read the terms of use »</a></p>
<b>Host species</b>	Goat
<b>Species reactivity</b>	<p><b>Predicted to work with:</b> Human, Chimpanzee, Gorilla </p>
<b>Immunogen</b>	<p>Synthetic peptide corresponding to Human DEFB-4 aa 37-50 (internal sequence). (NP_525128.2; NP_001035792.1) Sequence: CRKKCRSQEYRIGR</p> <p style="text-align: right;"> <a href="#">Run BLAST with</a>       <a href="#">Run BLAST with</a></p>
<b>Positive control</b>	Recombinant human DEFB-4 protein ( <a href="#">ab69499</a> ) can be used as a positive control in WB.
<b>General notes</b>	Protein previously labeled as beta 4 Defensin.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA</p>
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Target

<b>Function</b>	Has antimicrobial activity. Synergistic effects with lysozyme and DEFB103.
<b>Tissue specificity</b>	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.
<b>Sequence similarities</b>	Belongs to the beta-defensin family.
<b>Cellular localization</b>	Secreted.

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