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Datasheet for ABIN7440584

anti-beta Defensin 1 antibody (AA 2-64)

2 Images

Overview

| | |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | beta Defensin 1 (DEFB1) |
| Binding Specificity: | AA 2-64 |
| Reactivity: | Cow |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This beta Defensin 1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose: | Polyclonal Antibody to Defensin Beta 1 (DEFb1) |
| Immunogen: | Recombinant Defensin Beta 1 (DEFb1) corresponding to Arg2~Arg64 with N-terminal His and GST Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against DEFb1. It has been selected for its ability to recognize DEFb1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

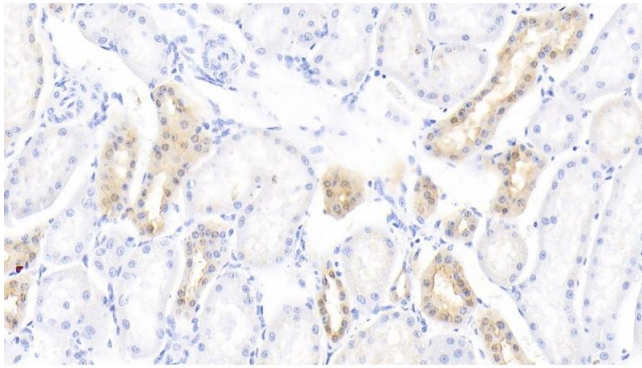
| | |
|-------------------|----------------------------------------------------|
| Target: | beta Defensin 1 (DEFB1) |
| Alternative Name: | Defensin Beta 1 (DEFB1 Products) |
| Background: | B-DF1, DEFB1, BD1, DEF-B1, DEFB101, HBD1 |

Application Details

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

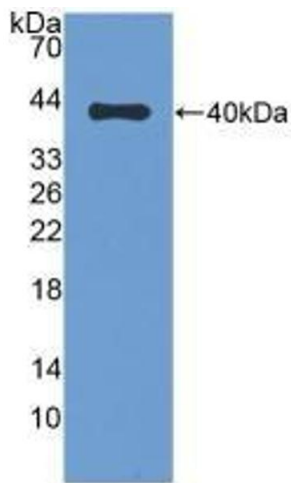
Handling

| | |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Immunohistochemistry

Image 1. Detection of DEFb1 in Bovine Kidney Tissue using Polyclonal Antibody to Defensin Beta 1 (DEFb1)



Western Blotting

Image 2. Detection of Recombinant DEFb1, Bovine using Polyclonal Antibody to Defensin Beta 1 (DEFb1)