

Datasheet for ABIN7441895  
**anti-Band 3/AE1 antibody (AA 35-290)**

## 8 Images

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## Overview

Quantity:	100 µL
Target:	Band 3/AE1 (SLC4A1)
Binding Specificity:	AA 35-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Band 3/AE1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Purpose:	Polyclonal Antibody to Band 3 (BND3)
Immunogen:	Recombinant Band 3 (BND3) corresponding to Ala35~Ser290 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against BND3. It has been selected for its ability to recognize BND3 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	Band 3/AE1 (SLC4A1)
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## Target Details

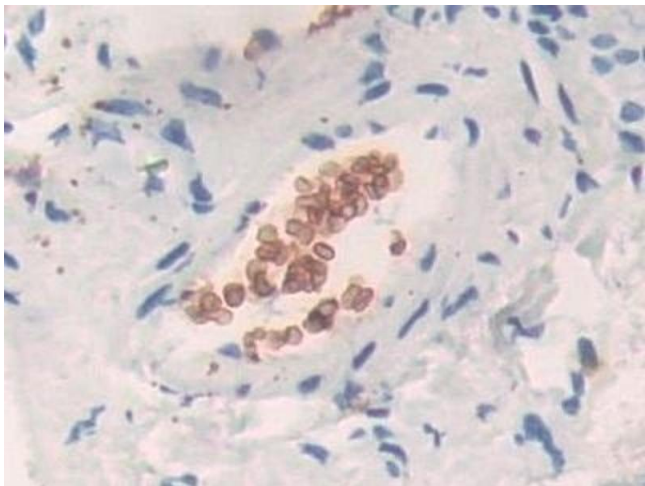
Alternative Name:	Band 3 ( <a href="#">SLC4A1 Products</a> )
Background:	CD233, SLC4A1, SLC4-A1, WD, AE1, DI, EMPB3, EPB3, FR, RTA1A, SW, WD1, WR, Anion Exchange Protein 1, Solute Carrier Family 4, Anion Exchanger, Member 1, Erythrocyte Membrane Protein Band 3

## Application Details

Application Notes:	Western blotting: 1-5 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

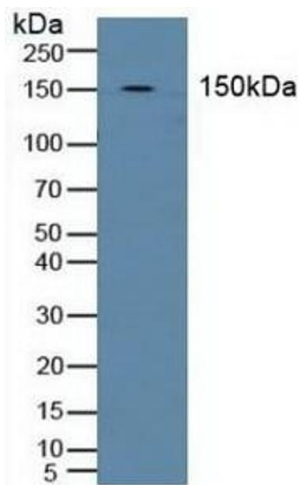
## Handling

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



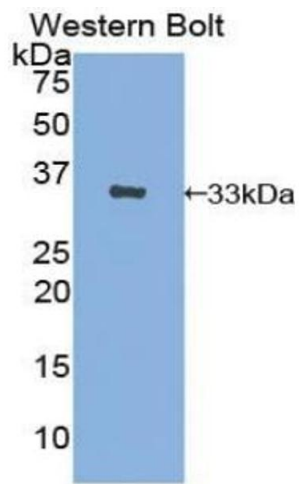
**Immunohistochemistry**

**Image 1.** Detection of BND3 in Human Liver Tissue using Polyclonal Antibody to Band 3 (BND3)



**Western Blotting**

**Image 2.** Detection of BND3 in Human Blood Cells using Polyclonal Antibody to Band 3 (BND3)



**Western Blotting**

**Image 3.** Detection of Recombinant AE1, Human using Polyclonal Antibody to Band 3 (BND3)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7441895.