

Datasheet for ABIN7445435
anti-Calprotectin antibody (AA 1-114)

8 Images

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Overview

Quantity:	100 µL
Target:	Calprotectin (S100A8/A9)
Binding Specificity:	AA 1-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Calprotectin (CALPRO)
Immunogen:	Recombinant Calprotectin (CALPRO) corresponding to Met1~Glu93 and Met1~Pro114 co-expression with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CALPRO. It has been selected for its ability to recognize CALPRO in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Calprotectin (S100A8/A9)
Alternative Name:	Calprotectin (S100A8/A9 Products)

Target Details

Background: MRP-8/MRP-14, S100A8/A9

Pathways: [S100 Proteins](#)

Application Details

Application Notes: Western blotting: 0.5-5 µg/mL
Immunohistochemistry: 5-50 µg/mL
Immunocytochemistry: 5-50 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.

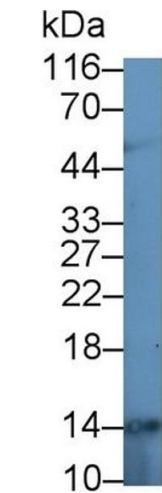
Preservative: ProClin

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

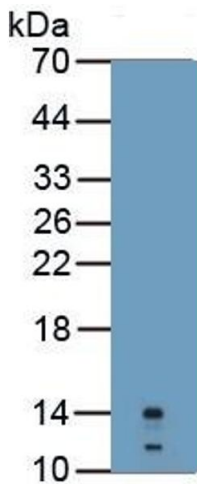
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



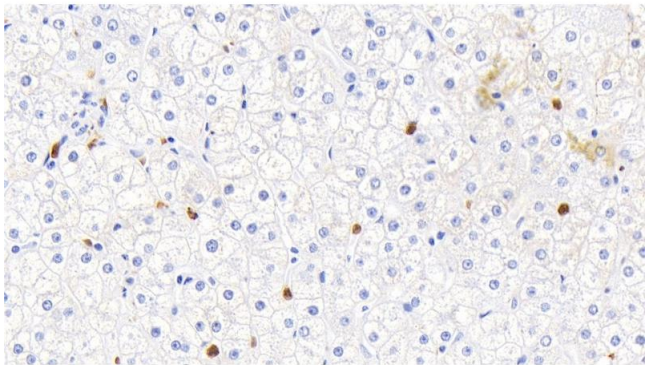
Western Blotting

Image 1. Detection of CALPRO in Human Saliva using Polyclonal Antibody to Calprotectin (CALPRO)



Western Blotting

Image 2. Detection of Recombinant CALPRO, Human using Polyclonal Antibody to Calprotectin (CALPRO)



Immunohistochemistry

Image 3. Detection of CALPRO in Human Liver Tissue using Polyclonal Antibody to Calprotectin (CALPRO)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7445435.