

Datasheet for ABIN7429217

anti-Superoxide dismutase copper chaperone antibody (AA 23-269)[Go to Product page](#)**4** Images

Overview

Quantity:	100 µL
Target:	Superoxide dismutase copper chaperone (CCS)
Binding Specificity:	AA 23-269
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Superoxide dismutase copper chaperone antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Superoxide Dismutase, Copper Chaperone (SOD4)
Immunogen:	Recombinant Superoxide Dismutase, Copper Chaperone (SOD4) corresponding to Gln23~Gln269 (Accession # O14618)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Superoxide Dismutase Copper Chaperone. It has been selected for its ability to recognize Superoxide Dismutase Copper Chaperone in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

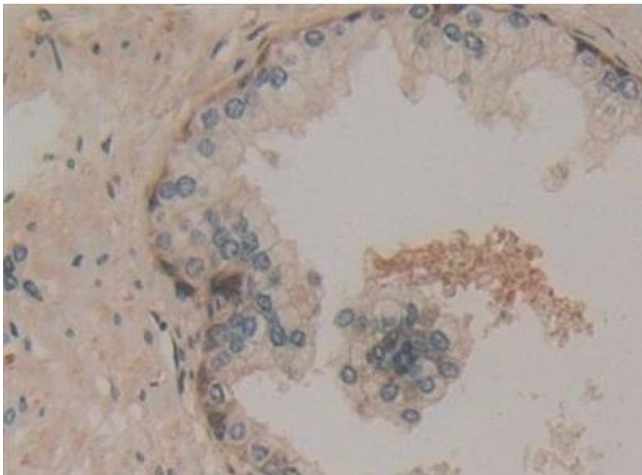
Target:	Superoxide dismutase copper chaperone (CCS)
Alternative Name:	Superoxide Dismutase, Copper Chaperone (CCS Products)
Background:	CCS, Copper Chaperone For Superoxide Dismutase
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

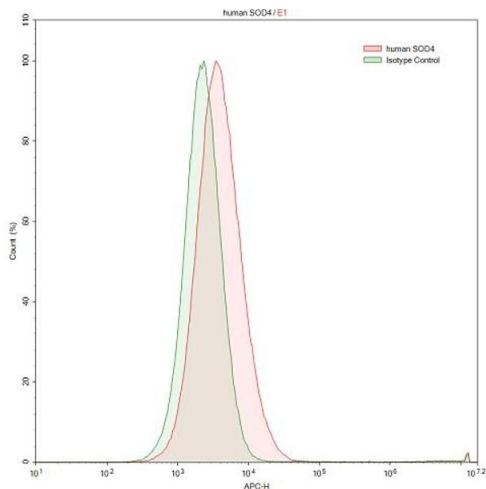
Handling

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



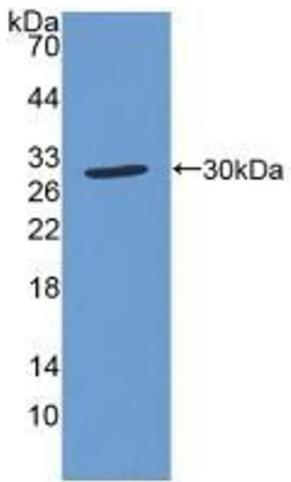
Immunohistochemistry

Image 1. Detection of 0 in Human Prostate Tissue using Polyclonal Antibody to Superoxide Dismutase Copper Chaperone



Flow Cytometry

Image 2. Detection of 0 in HepG2 human hepatocellular carcinoma cell line using Polyclonal Antibody to Superoxide Dismutase Copper Chaperone



Western Blotting

Image 3. Detection of Recombinant SOD4, Human using Polyclonal Antibody to Superoxide Dismutase Copper Chaperone

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7429217.