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## Datasheet for ABIN7452707 anti-SMCP antibody (AA 575-625)

### Overview

Quantity:	20 µg
Target:	SMCP
Binding Specificity:	AA 575-625
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMCP antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-MCSP Antibody, Affinity Purified
Immunogen:	between AA 575 and 625
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	SMCP
Alternative Name:	MCSP ( <a href="#">SMCP Products</a> )
Background:	Background: Melanoma chondroitin sulfate proteoglycan (MCSP) is a cell-surface antigen expressed early in melanoma progression. It has been found to be involved in the spreading,

## Target Details

invasion, and migration of human melanoma. MCSP influences melanoma behavior via the activation of the Cdc42 GTPase and phosphorylation of p130Cas. MCSP also activates signaling cascades involving FAK and ERK1/ERK2. In addition to its expression in melanoma cells, MCSP is also found in breast carcinomas, gliomas, neuroblastomas, and acute leukemias. MCSP is being considered as a target antigen for cancer immunotherapy.

Gene ID: 1464

NCBI Accession: [NP\\_001888](#)

UniProt: [Q6UVK1](#)

## Application Details

Application Notes: IP: 5 - 10 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months