

Datasheet for ABIN7451572
anti-CARS antibody (AA 698-748)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CARS
Binding Specificity:	AA 698-748
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-CARS Antibody, Affinity Purified
Immunogen:	between AA 698 and 748
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	CARS
Alternative Name:	CARS (CARS Products)
Background:	Background: CysteinyI-tRNA synthetase (CARS) catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid. The CARS gene is one of

Target Details

several located near the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. [taken from NCBI Entrez Gene (GeneID:833)].

Gene ID: 833

NCBI Accession: [NP_001742](#)

UniProt: [P49589](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate

WB: 1:1,000 - 1:5,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 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