

CSN2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004227.1

Catalog No. A300-027A

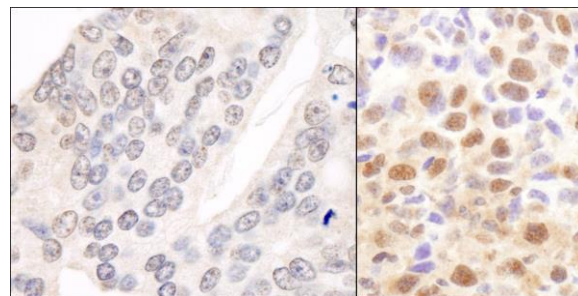
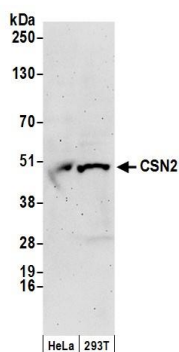
GeneID 9318

Lot No. A300-027A-2



APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, Zebrafish and <i>X. laevis</i>
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to CSN2 immobilized on solid support.</p> <p>The epitope recognized by A300-027A maps to a region between residues 1 and 50 of human COP9 constitutive photomorphogenic homolog subunit 2 using the numbering given in entry NP_004227.1 (GeneID 9318).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:1,000 – 1:10,000</p> <p>Immunohistochemistry 1:1,000 – 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p>
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
IHC HUMAN CONTROLS	Anaplastic Thyroid Carcinoma, Bladder Cell Carcinoma, Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Small Cell Lung Cancer
IHC MOUSE CONTROLS	Squamous Cell Carcinoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-027A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human CSN2 by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-CSN2 antibody A300-027A (lot A300-027A-2) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

Detection of human and mouse CSN2 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma (left) and mouse squamous cell carcinoma (right). *Antibody:* Affinity purified rabbit anti-CSN2 (Cat. No. A300-027A) used at a dilution of 1:5,000 (0.2 μ g/ml) and 1:1,000 (1 μ g/ml). *Detection:* DAB