

# CSN4 Antibody

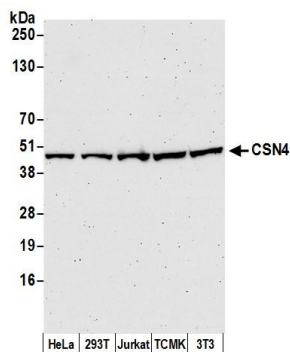
Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_057213.2  
Catalog No. A300-013A GeneID 51138  
Lot No. A300-013A-2



<b>APPLICATIONS</b>	WB
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Rat, Bovine, Pig and Orangutan
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to CSN4 immobilized on solid support.  The epitope recognized by A300-013A maps to a region between residues 350 and the C-terminus (residue 406) of human COP9 constitutive photomorphogenic homolog subunit 4 using the numbering given in entry NP_057213.2 (GeneID 51138).  Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
<b>APPLICATIONS</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.  Western Blot 1:2,000 – 1:10,000
<b>APPLICATION NOTES</b>	Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.
<b>ADDITIONAL INFO</b>	<a href="https://www.bethyl.com/product/A300-013A">https://www.bethyl.com/product/A300-013A</a> Use the link above to view SDS, a current list of citations, and other product specific information.

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 and mouse CSN4 by western blot.**

*Samples:* Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-CSN4 antibody A300-013A (lot A300-013A-2) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.