

# CAD Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_004332.2
Catalog No. A301-374A	Uniprot ID	P27708
Lot No. 4	GeneID	790

---

<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	200 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-buffered Saline containing 0.1% BSA and 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 CAD immobilized on solid support.

The epitope recognized by A301-374A maps to a region between residue 1850 and 2000 of human carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase using the numbering given in entry NP\_004332.2 (GeneID 790).

Immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4.

**APPLICATIONS** 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	1:2000 – 1:10,000 (3-8% Tris-acetate gel recommended)
Immunoprecipitation	6 µg/mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**IHC HUMAN CONTROLS** Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma

**ADDITIONAL INFO** <https://www.fortislife.com/p/A301-374A>  
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.  
Michael Spencer, PhD Date: July 29, 2025