

Rabbit anti-Human CAD Polyclonal Antibody | anti-CAD antibody

Rabbit anti-CAD IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213920	Rabbit	Human	Immunohistochemistry, Immunohistochemistry

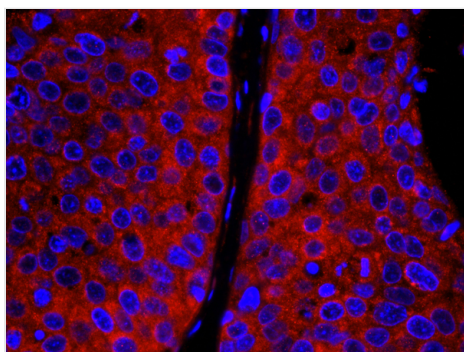
PRODUCT SYNONYMS

CAD; Polyclonal Antibody; Rabbit anti-CAD IHC Antibody; Affinity Purified; Dihydroorotase; GATD4; EIEE50; CAD trifunctional protein; CAD protein; Aspartate carbamoyltransferase; CDG1Z; multifunctional protein CAD; carbamoyl-phosphate synthetase 2; aspartate transcarbamylase; and dihydroorotase; anti-CAD antibody

PRODUCT SPECIFICATIONS

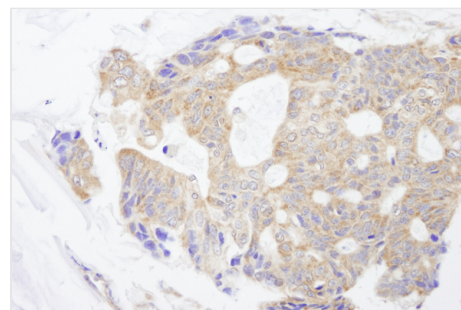
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-CAD antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Mouse, Rat, Dog, Rabbit, Pig, Orangutan, Monkey, Gorilla, Chimpanzee, African elephant, White-tufted-ear marmoset, Crab-eating macaque, Black rat, Thirteen-lined ground squirrel, Little brown bat, Chinese hamster, Gray short-tailed opossum, Tasmanian devil, Northern white-cheeked gibbon, Prairie vole
Immunogen	Between 1650 and 1700
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



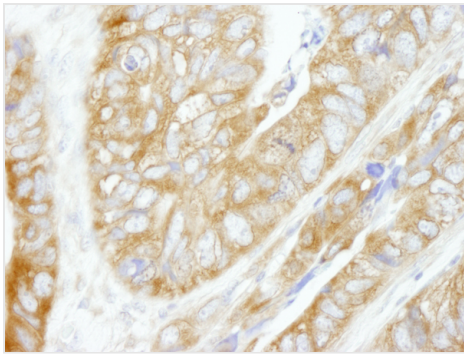
IHC (Immunohistochemistry)

Detection of human CAD by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-CAD (Cat. No. AAA213920) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed IHC Antibody Hilyte Plus 555 used at a dilution of 1:100.



IHC (Immunohistochemistry)

Detection of human CAD by immunohistochemistry. Sample: FFPE section of human mucinous ovarian carcinoma. Antibody: Affinity purified rabbit anti-CAD (Cat. No. AAA213920) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human CAD by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-CAD (Cat. No. AAA213920) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CAD antibody	CAD is an enzyme involved in the first three steps of the de novo synthesis of pyrimidine nucleotides. CAD exhibits multiple catalytic activities and is described as a "fusion" protein that can function as a carbamoylphosphate synthetase, aspartate transcarbamoylase, and dihydroorotase. CAD has been shown to be phosphorylated by mitogen-activated protein (MAP) kinase and protein kinase A (PKA) for the coordination of cell cycle progression and pyrimidine biosynthesis.
Product Categories/Family for anti-CAD antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18105007
NCBI GeneID	790
NCBI Accession #	NP_004332.2
NCBI GenBank Nucleotide #	NM_004341.3
UniProt Accession #	P27708 ; Q6P0Q0 ; D6W552
Molecular Weight	242,984 Da
NCBI Official Full Name	CAD protein
NCBI Official Synonym Full Names	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase
NCBI Official Symbol	CAD
NCBI Protein Information	CAD protein; CAD trifunctional protein; multifunctional protein CAD
UniProt Protein Name	CAD protein
UniProt Gene Name	CAD
UniProt Entry Name	PYR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cad-antibody-immunohistochemistry-immunohistochemistry-elisa/213920>