

Anti- CAD (Phospho-Thr456) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100329-01	50 µl
A100329-02	100 µl

Specificity	Anti- CAD (Phospho-Thr456) (human mouse)
Source	Rabbit Polyclonal
Application	ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P27708

Other Names: CAD protein; EC 2.1.3.2; EC 3.5.2.3; EC 6.3.5.5; glutamine-dependent carbamoyl-phosphate synthase; PYR1

Specificity and Sensitivity

CAD (Phospho-Thr456) antibody detects endogenous levels of CAD only when phosphorylated at threonine 456.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human CAD around the phosphorylation site of threonine 456 (P-I-T^P-P-H). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100 ELISA: 1:5000

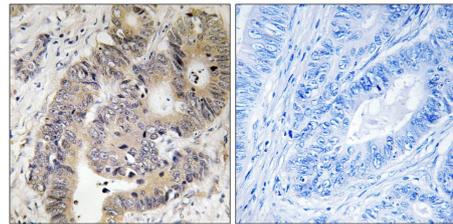
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

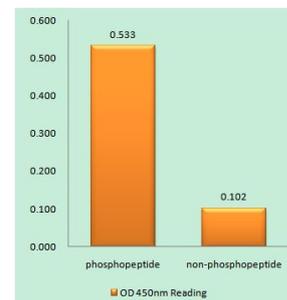
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using CAD (Phospho-Thr456) antibody.



CAD (Phospho-Thr456) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.