

Anti-Claudin-3 Antibody

Catalog Number: A04393-1

About CLDN3

Thymidylate synthase catalyzes the methylation of deoxyuridylate to deoxythymidylate using 5,10-methylenetetrahydrofolate (methylene-THF) as a cofactor. This function maintains the dTMP (thymidine-5-prime monophosphate) pool critical for DNA replication and repair. The enzyme has been of interest as a target for cancer chemotherapeutic agents. It is considered to be the primary site of action for 5-fluorouracil, 5-fluoro-2-prime-deoxyuridine, and some folate analogs. Expression of this gene and that of a naturally occurring antisense transcript rTS alpha vary inversely when cell-growth progresses from late-log to plateau phase. Diseases associated with Thymidylate synthase include Rectal Neoplasm and Dihydropyrimidine Dehydrogenase Deficiency. Anti-Thymidylate synthase is useful for researchers interested in Circadian Rhythm, Metabolism and cell cycle research.

Overview

Product Name	Anti-Claudin-3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Claudin-3 Antibody catalog # A04393-1. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal 3F8
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O15551

Technical Details

Immunogen	Synthesized peptide derived from the C-terminal region of human Claudin-3. at AA range: 140-220
Predicted Reactive Species	Bovine, Canine, Equine, Goat, Guinea Pig, Rabbit, Yeast, Zebrafish
Isotype	IgG
Form	Liquid
Concentration	This antibody's concentration is >0.5mg/ml.
Purification	Immunogen affinity purified

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB, 1:500-1:2000

Anti-Claudin-3 Antibody (A04393-1) Images



Western Blot (WB) analysis of specific cells using Claudin-3 Polyclonal antibody.

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