

## Anti-PGE synthase (I79) PTGES Antibody

Catalog Number: A02587

### About PTGES

Acts as transcriptional repressor and plays a role in gene silencing. Does not bind to DNA by itself (. Binds to DNA with a preference for sites containing methylated CpG dinucleotides (in vitro). Binds to a lesser degree DNA containing unmethylated CpG dinucleotides (). Recruits histone deacetylases and DNA methyltransferases.

Hendrich B., Mol. Cell. Biol. 18:6538-6547(1998).

Grimwood J., Nature 428:529-535(2004).

Tatematsu K., Genes Cells 5:677-688(2000).

### Overview

Product Name	Anti-PGE synthase (I79) PTGES Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PGE synthase (I79) PTGES Antibody catalog # A02587. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	O14684

### Technical Details

Immunogen	Synthesized peptide derived from human PC-PLD2 around the phosphorylation site of Y169.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**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: 1:500-1:1000

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