

## Anti-PTOV1 Antibody Picoband®

Catalog Number: RP1087

### About PTOV1

Prostate tumor overexpressed gene 1 protein is a protein that in humans is encoded by the PTOV1 gene. It is mapped to 19q13.33. This gene encodes a protein that was found to be overexpressed in prostate adenocarcinomas. The encoded protein was found to interact with the lipid raft protein flotillin-1 and shuttle it from the cytoplasm to the nucleus in a cell cycle dependent manner. Alternative splicing of this gene results in multiple transcript variants.

### Overview

Product Name	Anti-PTOV1 Antibody Picoband®
Reactive Species	Human, Rat
Description	Boster Bio Anti-PTOV1 Antibody catalog # RP1087. Tested in WB applications. This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , and 0.05 mg NaN <sub>3</sub> . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q86YD1

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human PTOV1, different from the related mouse and rat sequences by one amino acid.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins

Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Rat, Human

## Anti-PTOV1 Antibody Picoband® (RP1087) Images



Anti-PTOV1 antibody, RP1087, Western blotting All lanes: Anti PTOV1 (RP1087) at 0.5ug/ml Lane 1: Rat Brain Tissue Lysate at 50ug Lane 2: Rat Kidney Tissue Lysate at 50ug Predicted bind size: 47KD Observed bind size: 47KD

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Anti-PTOV1 Antibody

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