

Anti-Prostaglandin E Receptor EP2/PTGER2 Antibody Picoband®

Catalog Number: PB9386

About PTGER2

Prostaglandin E2 receptor (53kDa), also known as EP2, is a prostaglandin receptor for prostaglandin E2. It is encoded by the human gene PTGER2. It may be associated with aspirin-induced asthma. PTGER2 is mapped to chromosome 14q22. This gene encodes a receptor for prostaglandin E2, a metabolite of arachidonic acid which has different biologic activities in a wide range of tissues. Mutations in this gene are associated with aspirin-induced susceptibility to asthma.

Overview

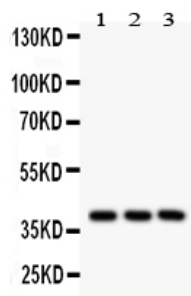
Product Name	Anti-Prostaglandin E Receptor EP2/PTGER2 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-Prostaglandin E Receptor EP2/PTGER2 Antibody Picoband® catalog # PB9386. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium 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 ₂ HPO ₄ , and 0.05 mg NaN ₃ . *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	P43116

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human PTGER2, different from the related mouse sequence by four amino acids, and from the related rat sequence by three amino acids.
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, Human

Anti-Prostaglandin E Receptor EP2/PTGER2 Antibody Picoband® (PB9386) Images



Anti-PTGER2 Picoband antibody, PB9386, Western blotting All lanes: Anti PTGER2 (PB9386) at 0.5ug/ml Lane 1: Human Placenta Tissue Lysate at 50ug Lane 2: A549 Whole Cell Lysate at 40ug Lane 3: HEPG2 Whole Cell Lysate at 40ug Predicted bind size: 40KD Observed bind size: 40KD

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