

Anti-TRAF4 Antibody Picoband®

Catalog Number: PA2009

About TRAF4

TRAF4 (TNF Receptor-Associated Factor 4), also called CART1 or MLN62, is a protein that in humans is encoded by the TRAF3 gene. TRAF4 is a member of the TNF receptor associated factor (TRAF) family, a family of scaffold proteins. Tomasetto et al. (1995) identified genes that are overexpressed in breast cancer by differential screening of cDNAs from breast cancer-derived metastatic axillary lymph nodes. The TRAF4 cDNA, which they designated MLN62, was mapped to 17q11-q12 by radioisotopic in situ hybridization. To investigate the biologic function of TRAF4, Regnier et al. (2002) generated Traf4-deficient mice by gene disruption.

Overview

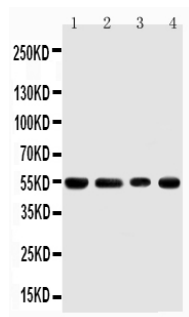
Product Name	Anti-TRAF4 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TRAF4 Antibody catalog # PA2009. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, 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	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg 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	Q9BUZ4

Technical Details

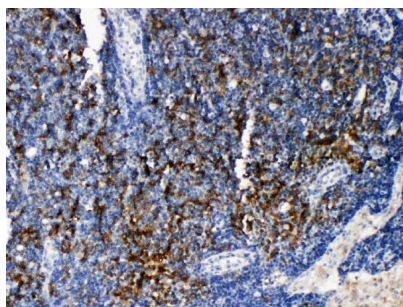
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human TRAF4, identical to the related rat and mouse sequences.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
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	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, Rat, Mouse Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

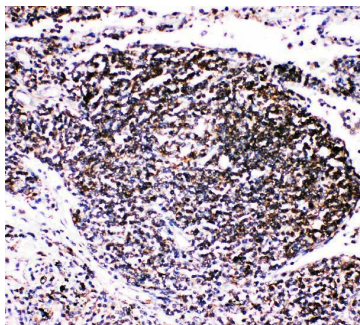
Anti-TRAF4 Antibody Picoband® (PA2009) Images



Anti-TRAF4 antibody, PA2009, Western blotting
Lane 1: Rat Thymus Tissue Lysate
Lane 2: HELA Cell Lysate
Lane 3: JURKAT Cell Lysate
Lane 4: HEPA Cell Lysate



Anti-TRAF4 antibody, PA2009, IHC(P)
IHC(P): Rat Lymphonodus Tissue



Anti-TRAF4 antibody, PA2009, IHC(P)
IHC(P): Human Lung Cancer Tissue

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Anti-TRAF4 Antibody

For Research Use Only. Not for use in diagnostic procedures.