

## Anti-TRAF2 Antibody Picoband® HRP Conjugated

Catalog Number: PB9516-HRP

### About TRAF2

TRAF2 (TNF Receptor-Associated Factor 2), also called TRAP, is a protein that in humans is encoded by the TRAF2 gene. The protein encoded by this gene is a member of the TNF receptor (TNFR) associated factor (TRAF) protein family. TRAF2 is a common signal transducer for TNFR2 and CD40 that mediates activation of NF-kappa-B. Rothe et al. (1996) identified ITRAF, which binds to TRAF1, TRAF2, and TRAF3, and that when overexpressed inhibits TRAF2-mediated NF-kappa-B activation. They proposed that ITRAF is an inhibitor of TRAF function that regulates TRAF protein activity by sequestering TRAFs in a latent state in the cytoplasm. Kanamori et al. (2002) found that mouse Traf2 interacted directly with T2bp, and they presented evidence that T2BP is involved in TNF-mediated signaling by its interaction with TRAF2.

### Overview

Product Name	Anti-TRAF2 Antibody Picoband® HRP Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q12933

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human TRAF2, different from the related mouse sequence by one amino acid.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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