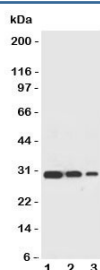


## TRAF2 Antibody (R31114)

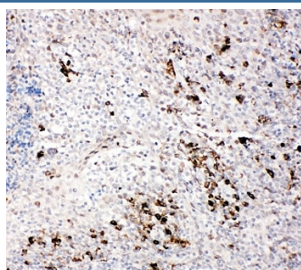
Catalog No.	Formulation	Size
R31114	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

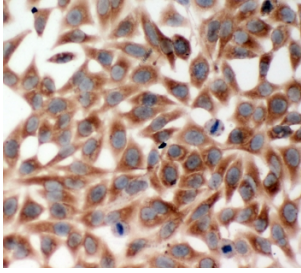
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q12933
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This TRAF2 antibody is available for research use only.



Western blot testing of TRAF2 antibody and recombinant human protein, 30.4KD with tag; Lane 1: 10ng; 2: 5ng; 3: 2.5ng



IHC-P: TRAF2 antibody testing of human tonsil tissue. HIER: steamed with pH6 citrate buffer.



ICC testing of TRAF2 antibody and HeLa cells

## Description

TNF Receptor-Associated Factor 2, also called TRAF2, 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. It 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.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the TRAF2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the middle region of human TNF Receptor-Associated Factor 2 (RQHRLDQDKIEALSSKVQQL) was used as the immunogen for this TRAF2 antibody.

## Storage

After reconstitution, the TRAF2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.