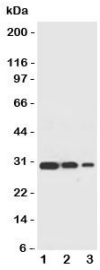
TRAF2 Antibody (R31114)

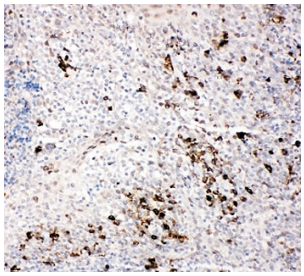
Catalog No.	Formulation	Size
R31114	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

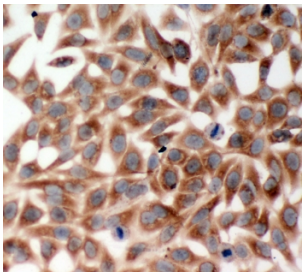
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q12933
Localization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



Western blot testing of TRAF2 antbody 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 antbody and HeLa cells

Description

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. 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 (RQHRLDQDKIEALSSKVQQLE) was used as the immunogen for this TRAF2 antibody.

Storage

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

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