

## Polyclonal Antibody to NJMU-R1 - Aff - Purified

<b>Catalog No.:</b>	15-288-21575A
<b>Quantity:</b>	0.1 mg
<b>Background:</b>	The tumor necrosis factor receptor (TNFR)-associated factor 2 (TRAF2) is thought to be a common signal transducer that associates with the cytoplasmic domains of members of the TNFR superfamily, such as TNFR2,(1) CD40 (2) and CD30 (3,4); TRAF2 is indirectly in relationship with TNFR1 through the association of TRADD.(5,6) These connections result in the activation of NF-kappa B. TRAF2 was isolated as a TNFR2-associated protein by biochemical method. It contains an N-terminal RING finger motif, 5 zinc finger motifs and a C-terminal TRAF domain.(1) Moreover, TRAF2 interacts with cIAP1,2,(7) I-TRAF/TANK,(8,9) TRAF1 (1), RIP (10) and A20.(11).
<b>Host / Isotype:</b>	Chicken
<b>Immunogen:</b>	GST-TRAF2 fusion protein corresponding to full-length mouse TRAF2.
<b>Format:</b>	<b>State:</b> Lyophilized <b>Purification:</b> Affinity chromatography. <b>Buffer System:</b> PBS containing 1% Sucrose. <b>Reconstitution:</b> Reconstitute with 100 µl of distilled water. Bring reagent to 18-25°C prior to use.
<b>Applications:</b>	Suitable for use in immunoblotting. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The present polyclonal antibody reacts with mouse and human TRAF2 (56kDa and 58kDa, respectively) in Western blotting, using total cell lysate from murine NIH3T3, WR19L12a, and human ZR75-1, Raji cell lines, or HA-tag-TRAF2. <b>Species:</b> Human and mouse. Others not tested.
<b>Storage:</b>	Store lyophilized product at 2-8 °C. After reconstitution, aliquot and store at -20°C. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
<b>General References:</b>	1. Rothe, M., et al., A novel family of putative signal transducers associated with the cytoplasmic domain of the 75kDa tumor necrosis factor receptor, 1994, Cell, 78, 681-692. 2. Rothe, M., et al., TRAF2-mediated activation of NF-kappa B by TNF receptor 2 and CD40, 1995, Science, 269, 1424-1427. 3. Gedricht, R.W., et al., CD30 contains two binding sites with different specificities for members of the tumor necrosis factor receptor-associated factor family of signal transducing proteins, 1996, J. Biol. Chem., 271, 12852-12858. 4. Lee, S.Y., et al., T cell receptor-dependent cell death of T cell hybridomas mediated by

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the CD30 cytoplasmic domain in association with tumor necrosis factor receptor-associated factors, 1996, J. Exp. Med., 183, 669-674.

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