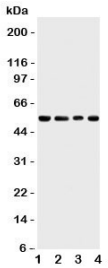
TRAF4 Antibody (R31116)

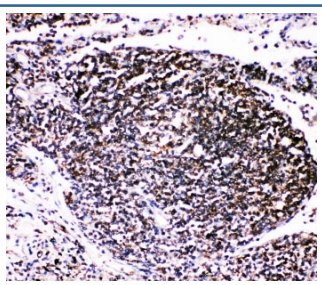
Catalog No.	Formulation	Size
R31116	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

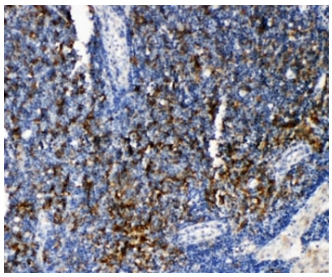
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9BUZ4
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This TRAF4 antibody is available for research use only.



Western blot testing of TRAF4 antbody; Lane 1: rat thymus; 2: human HeLa; 3: (h) Jurkat; 4: mouse HEPA cell lysate. Predicted molecular weight: ~54 kDa.



IHC-P: TRAF4 antibody testing of human lung cancer tissue. HIER: steamed with pH6 citrate buffer.



IHC-P: TRAF4 antibody testing of rat lymphonodus tissue. HIER: steamed with pH6 citrate buffer.

Description

TNF Receptor-Associated Factor 4, also called CART1 or MLN62, is a protein that in humans is encoded by the TRAF4 gene. It 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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the TRAF4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human TNF Receptor-Associated Factor 4 (PKFISHQDIRKRNYVRDD) was used as the immunogen for this TRAF4 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the TRAF4 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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