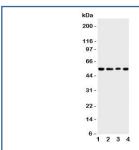


TRAF4 Antibody (R31116)

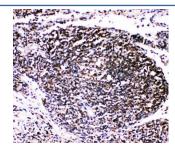
Catalog No.	Formulation	Size
R31116	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

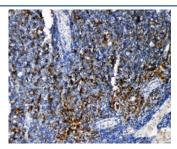
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9BUZ4
Applications	Western Blot : 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 cancerderived 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.