

## 20-1093: Polyclonal antibody to TRAF-1

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IP,IHC,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	TRAF1
<b>Gene ID :</b>	7185
<b>Uniprot ID :</b>	Q13077
<b>Format :</b>	Sera
<b>Alternative Name :</b>	TRAF1,EBI6
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A synthetic peptide of human TRAF-1 (amino acids 1-22 MASSSGSSPRPAPDENEFPFG) was used as immunogen for this antibody

### Description

This antibody recognizes TRAF1. TRAF1 is a member of TRAF (TNF receptor-associated factor) adapter proteins composed 416 amino acids. The members of this family link a wide variety of cell surface receptors to diverse signaling cascades leading to the activation of NF- $\kappa$ B and mitogen-activated protein kinases. TRAFs are major signal transducers for both the TNF and IL- 1/TLR receptor superfamilies and collectively play important functions in both adaptive and innate immunity. TRAFs also interact with a variety of proteins that regulate receptor-induced cell death or survival, and TRAF-mediated signaling can promote cell survival or interfere with death receptor-induced apoptosis.

### Product Info

<b>Amount :</b>	50 $\mu$ l
<b>Content :</b>	50 $\mu$ l sera
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

WB: 1:1000-1:2000, IHC (paraffin): 1:1000-1:5000, IHC (frozen): Users should optimize, IP: 1:50-1:200

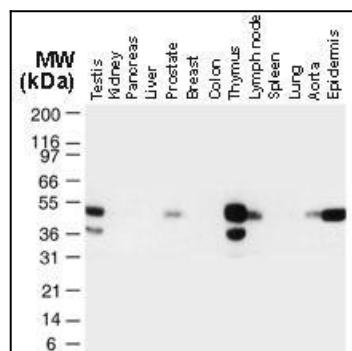


Fig:1 Western blot analysis of TRAF1 in normal human tissues using 20-1093 at 1:2000. TRAF1 is observed at 50 kDa. Additional bands of lower molecular weight were seen in some cases, and may represent TRAF1 degradation fragments.

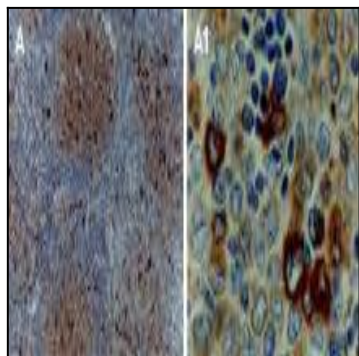


Fig:2 Formalin-fixed, paraffin-embedded human lymphoma tissue section stained for TRAF1 expression using 20-1093 at 1:2000. Hematoxylin-eosin counterstain. A1 is a higher magnification of A.

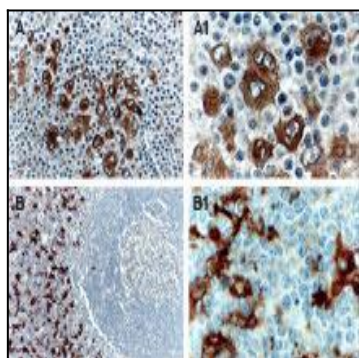


Fig:3 Formalin-fixed, paraffin-embedded human tissue sections stained for TRAF1 expression using 20-1093 at 1:2000. Hematoxylin-eosin counterstain. A, A1: Formalin-fixed, paraffin-embedded human lymphoma tissue section stained for TRAF1 expression using 20-1093 at 1:2000. Hematoxylin-eosin counterstain. A, Hodgkin's Disease, the Reed-Sternberg cells are positive for TRAF1 expression. B, lymph node, dendritic-like cells are positive for TRAF1 expression. A1 and B1 are higher magnifications from A and B, respectively.