

## 20-1101: Polyclonal antibody to TRAF-5

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IP,IHC,WB
<b>Reactivity :</b>	Rat,Mouse,Human
<b>Gene :</b>	Traf5
<b>Gene ID :</b>	22033
<b>Uniprot ID :</b>	P70191
<b>Format :</b>	Sera
<b>Alternative Name :</b>	TNF receptor-associated factor 5
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A synthetic peptide of mouse TRAF-5 (amino acids 1-20 MAHSEEQAAVPCAFIRQNSG) was used as immunogen for this antibody

### Description

This antibody recognizes Mouse TRAF5 which is a 558 amino acid protein. The TRAF (TNF receptor-associated factor) family is a group of adapter proteins (TRAFs 1-6) that 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. The carboxy-terminal region of TRAFs is required for self-association and interaction with receptor cytoplasmic domains following ligand-induced oligomerization. TRAFs 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. This antibody recognizes TRAF5. Mouse TRAF5 is a 558 amino acid protein.

### 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

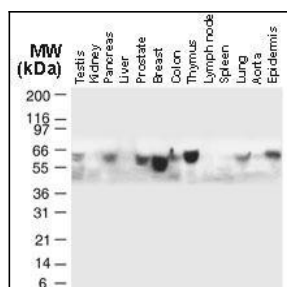


Fig:1 Western blot analysis of m TRAF5 in normal human tissues using 20-1101 at 1:2000. TRAF5 is observed at ~64 kDa. Additional bands of lower molecular weight were seen in some cases, and may represent TRAF5 degradation fragments.

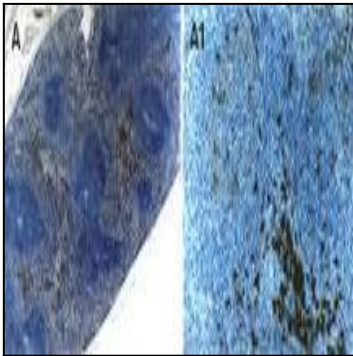


Fig:2 Formalin-fixed, paraffin-embedded mouse spleen stained for m TRAF5 expression using 20-1101 at 1:2000. Hematoxylin-eosin counterstain. A1 is a higher magnification of A.

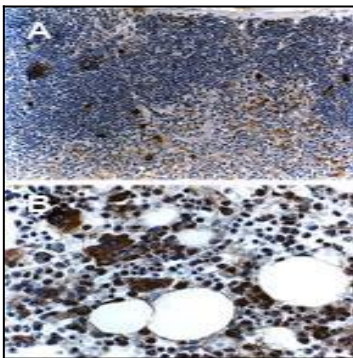


Fig:3 Formalin-fixed, paraffin-embedded mouse tissue stained for m TRAF5 expression using 20-1101 at 1:2000. Hematoxylin-eosin counterstain. A, thymus. B, bone marrow.