

## 20-1101: Polyclonal antibody to Mouse 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

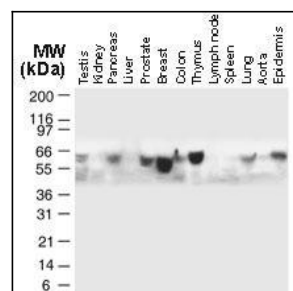


Fig:1 Western blot analysis of m TRAF5 in normal human tissues using 20-1101 at 1:2000. TRAF5 is observed at ~64 kDa. Additional bands of lower molecular weight were seen in some cases, and may represent TRAF5 degradation fragments.

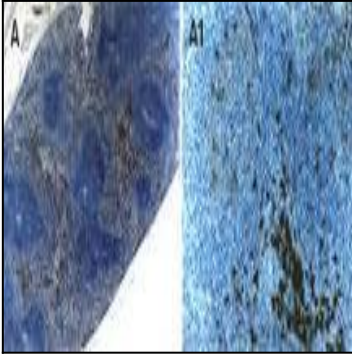


Fig:2 Formalin-fixed, paraffin-embedded mouse spleen stained for m TRAF5 expression using 20-1101 at 1:2000. Hematoxylin-eosin counterstain. A1 is a higher magnification of A.

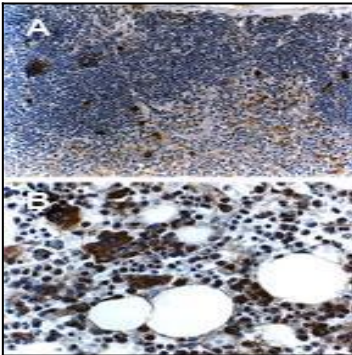


Fig:3 Formalin-fixed, paraffin-embedded mouse tissue stained for m TRAF5 expression using 20-1101 at 1:2000. Hematoxylin-eosin counterstain. A, thymus. B, bone marrow.