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20-1101: Polyclonal antibody to Mouse TRAF-5

Clonality: Polyclonal Application: IP,IHC,WB

Reactivity: Rat, Mouse, Human

Gene : Traf5
Gene ID : 22033
Uniprot ID : P70191
Format : Sera

Alternative Name: TNF receptor-associated factor 5

Isotype: Rabbit IgG

Immunogen Information: 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-kB 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

Storage condition : 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

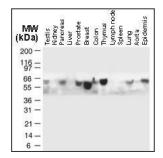


Fig:1 Western blot analysis of m TRAF5 in normal human tissues using 20-1101 at 1:2000. TRAF5 is observed at \sim 64 kDa. Additional bands of lower molecular weight were seen in some cases, and may represent TRAF5 degradation fragments.



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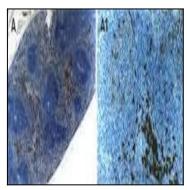


Fig:2 Formalin-fixed, paraffin-embedded mouse spleen stained for m TRAF5 expression using 20-1101 at 1:2000. Hematoxylin-eosin counterstain. A1 is a higher magnification of A.

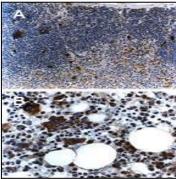


Fig:3 Formalin-fixed, paraffin-embedded mouse tissue stained for m TRAF5 expression using 20-1101 at 1:2000. Hematoxylin-eosin counterstain. A, thymus. B, bone marrow.