

Anti-IKZF1 Rabbit Polyclonal Antibody

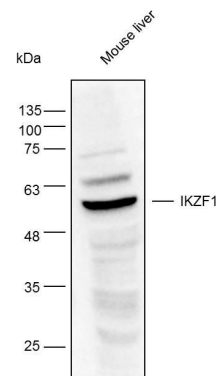
Cat:AC51781

Basic information

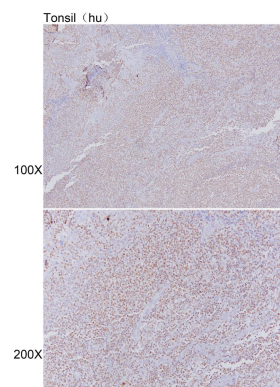
Source: Rabbit**Swiss Prot:**Q13422**Species reactivity:** Human,Mouse,Rat**Gene ID:**10320**Isotype:** IgG**Tested applications:** WB,IHC,IF**Purification:** Affinity purification**Immunogen:**Recombinant protein of human IKZF1**MW(kDa):**58kDa**Storage:** Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background:

This gene encodes a transcription factor that belongs to the family of zinc-finger DNA-binding proteins associated with chromatin remodeling. The expression of this protein is restricted to the fetal and adult hemo-lymphopoietic system, and it functions as a regulator of lymphocyte differentiation. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. Most isoforms share a common C-terminal domain, which contains two zinc finger motifs that are required for hetero- or homo-dimerization, and for interactions with other proteins. The isoforms, however, differ in the number of N-terminal zinc finger motifs that bind DNA and in nuclear localization signal presence, resulting in members with and without DNA-binding properties. Only a few isoforms contain the requisite three or more N-terminal zinc motifs that confer high affinity binding to a specific core DNA sequence element in the promoters of target genes.



Western blot analysis with IKZF1 diluted at 1:1,000



Immunohistochemistry of paraffin-embedded tonsil (hu) using IKZF1 antibody at dilution of 1:100 (x100 lens, x200 lens).