

RUNX1 antibody

Product Information

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| Catalog No.: | FNab07534 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

Background

CBF binds to the core site, 5'-PYGPYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, LCK, IL-3 and GM-CSF promoters. The alpha subunit binds DNA and appears to have a role in the development of normal hematopoiesis. Isoform AML-1L interferes with the transactivation activity of RUNX1. Acts synergistically with ELF4 to transactivate the IL-3 promoter and with ELF2 to transactivate the mouse BLK promoter. Inhibits KAT6B-dependent transcriptional activation. Controls the anergy and suppressive function of regulatory T-cells(Treg) by associating with FOXP3. Activates the expression of IL2 and IFNG and down-regulates the expression of TNFRSF18, IL2RA and CTLA4, in conventional T-cells(PubMed:17377532).

Immunogen information

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| Immunogen: | runt-related transcription factor 1 |
| Synonyms: | Runt-related transcription factor 1 Acute myeloid leukemia 1 protein Core-binding factor subunit alpha-2 (CBF-alpha-2) Oncogene AML-1 Polyomavirus enhancer-binding protein 2 alpha B subunit (PEA2-alpha B, PEBP2-alpha B) SL3-3 enhancer factor 1 alpha B subunit SL3/AKV core-binding factor alpha B subunit RUNX1 AML1 CBFA2 |
| Observed MW: | 48-55 kDa |
| Uniprot ID : | Q01196 |

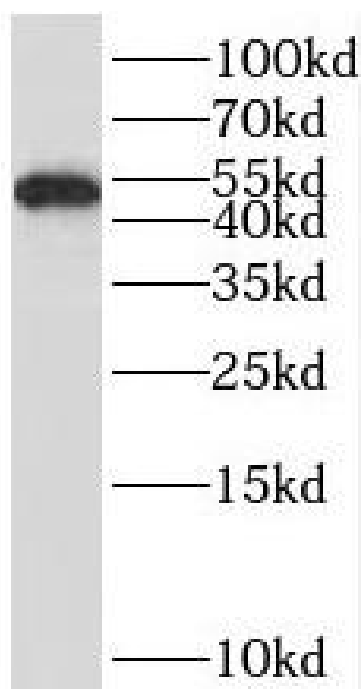
Application

Reactivity: Human, Mouse

Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500-1:2000; IF: 1:20-1:200

Image:



mouse liver tissue were subjected to SDS PAGE followed by western blot with FNab07534(RUNX1 antibody) at dilution of 1:500