

## RUNX1 antibody

### Product Information

Catalog No.:	FNab07533
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

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

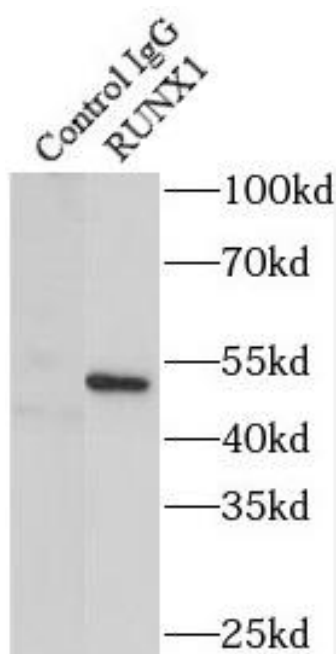
## Application

Reactivity: Human, Mouse, Rat

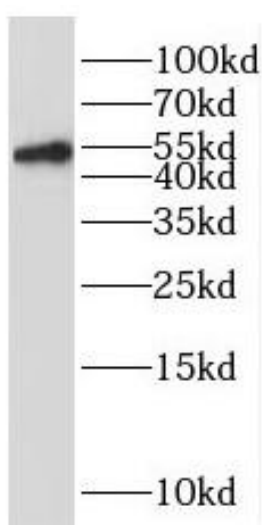
Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:2000

Image:



IP Result of anti-RUNX1 (IP:FNab07533, 4ug;  
Detection:FNab07533 1:300) with Jurkat cells  
lysate 3440ug.



Jurkat cells were subjected to SDS PAGE followed  
by western blot with FNab07533(RUNX1 (middle)  
antibody) at dilution of 1:2500