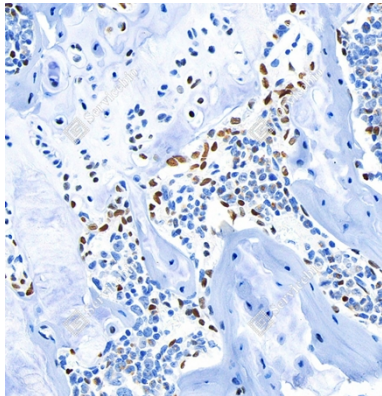
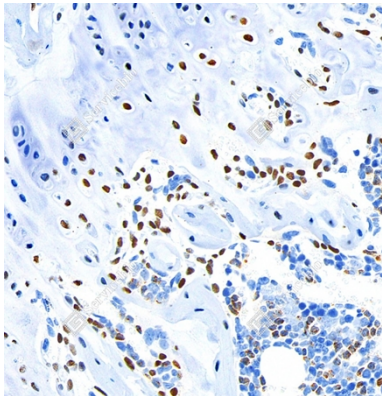
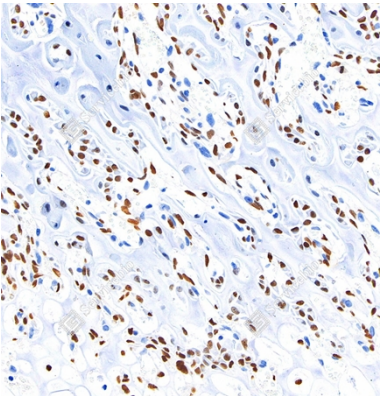


Anti-RUNX2 Rabbit pAb



GB115631 -20°C

Product Information			
Protein full name	Runt-related transcription factor 2		
Synonyms	AML3, CBF alpha 1, CBFA1, CCD, CCD1, Oncogene AML 3, OSF 2, OSF2, PEA2 alpha A, PEA2aA, PEBP2 alpha A, PEBP2A, PEBP2A1, PEBP2A2, PEBP2aA, PEBP2aA1, RUNX2		
Immunogen	KLH conjugated Synthetic peptide corresponding to Human RUNX2		
Uniprot ID	Q13950		
Isotype	IgG		
Purity	Affinity purification		
Subcellular location	Nucleus		
Applications	Species	Dilution	Positive Tissue
IHC/IF	Mouse, Rat	1: 400-1: 800	Bone, spleen
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.		
background			
Transcription factor involved in osteoblastic differentiation and skeletal morphogenesis.Essential for the maturation of osteoblasts and both intramembranous and endochondral ossification.CBF binds to the core site, 5'-PYGPGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, osteocalcin, osteopontin, bone sialoprotein, alpha 1(I) collagen, LCK, IL-3 and GM-CSF promoters.In osteoblasts, supports transcription activation: synergizes with SPEN/MINT to enhance FGFR2-mediated activation of the osteocalcin FGF-responsive element (OCFRE).Inhibits KAT6B-dependent transcriptional activation.			
Images			
 IHC analysis of RUNX2(GB115631). Sample: Mouse bone, 4% PFA (G1101) 12-24h. Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.  IHC analysis of RUNX2(GB115631). Sample: Mouse bone, 4% PFA (G1101) 12-24h. Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.  IHC analysis of RUNX2(GB115631). Sample: Rat bone, 4% PFA (G1101) 12-24h. Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.			

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