Rabbit polyclonal antibody to human Runt-related transcription factor 2 (244-258): Affinity purified

Catalogue No.:	R-1133-100
Description:	Runt-related transcription factor 2 (RUNX2) is a member of the RUNX family of transcription factors. RUNX2 has an Runt domain and can bind DNA both as a monomer or as a subunit of a heterodimeric complex. RUNX2 has a role in osteoblastic differentiation and skeletal morphogenesis and is essential for the maturation of osteoblasts and both intramembranous and endochondral ossification. RUNX2 is specifically expressed in the nucleus of osteoblasts. At least 3 isoforms are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide corresponding to a region (244-258 aa) from human Runt-related transcription factor 2. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Core-binding factor subunit alpha-1; CBF-alpha-1; Acute myeloid leukemia 3 protein; Oncogene AML-3; Polyomavirus enhancer-binding protein 2 alpha A subunit; PEBP2-alpha A; PEA2-alpha A; SL3-3 enhancer factor 1 alpha A subunit; SL3/AKV core-binding factor alpha A subunit; Osteoblast-specific transcription factor 2; OSF-2; RUNX2; AML3; CBFA1; OSF2; PEBP2A;
Accession:	Q13950 RUNX2_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Western Blotting (WB). A concentration of 0.1-0.5ug/mL is recommended for WB. Human RUNX2 (isoform 1) has a predicted length of 521 residues and MW of 57 kDa.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

51 West Thebarton Road • Thebarton • South Australia 5031
Telephone + 61(0)8 8352 7711 • Email sales@biosensis.com • www.biosensis.com