## RUNX2 (Phospho-Ser28) Antibody

Catalog No: #12893

Package Size: #12893-1 50ul #12893-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Product Name RUNX2 (Phospho-Ser28) Antibody Host Species Rabbit Clonality Polyclonal Polyclonal Applications WB Specificity RUNX2 (Phospho-S28) Antibody detects endogenous levels of RUNX2 only when phosphorylated at S28 Immunogen Type Peptide-KL.H Immunogen Description A synthesized peptide derived from human RUNX2 (Phospho-Ser28) Apha subunit 1 antibody Apha subunit 1 antibody Apha subunit 1 antibody CBF alpha 1 antibody CBF alpha 1 antibody CBF alpha 1 antibody CCD antibody CCD antibody CCD antibody CCD antibody CCD antibody Core binding factor antibody Core binding factor subunit alpha subunit 1 antibody Core binding factor subunit alpha 1	Description	
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PEBP2 alpha A antibody
PEBP2-alpha A antibody

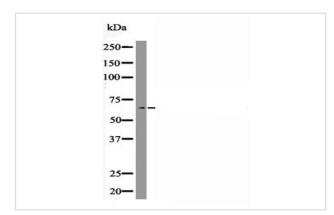
PEBP2A1 antibody

	PEBP2A2 antibody
	PEBP2aA antibody
	PEBP2aA1 antibody
	Polyomavirus enhancer binding protein 2 alpha A subunit antibody
	Polyomavirus enhancer-binding protein 2 alpha A subunit antibody
	Runt domain antibody
	Runt related transcription factor 2
Accession No.	Swiss-Prot#:Q13950 NCBI Gene ID860
Calculated MW	55-62
Concentration	1.0mg mL
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+) pH 7.4 150mM NaCl 0.02% sodium azide
	and 50% glycerol.
Storage	Store at -20°C

## **Application Details**

WB dilution:1:1000

## **Images**



Western blot analysis RUNX2 (Phospho-Ser28) using HeLa whole cell lysates

## **Product Description**

RUNX2 is a member of the RUNX family of transcription factors. It is involved in osteoblast differentiation and skeletal morphogenesis. RUNX2 regulates the transcription of various genes including osteopontin, bone sialoprotein, and osteocalcin via binding to the core site of the enhancers or promoters (1-3). RUNX2 is crucial for the maturation of osteoblasts and both intramembranous and endochondral ossification. Mutations in RUNX2 have been associated with the bone development disorder cleidocranial dysplasia (CCD) (4-6). RUNX2 is also abnormally expressed in various human cancers including prostate cancer and breast cancer. It plays an important role in migration, invasion, and bone metastasis of prostate and breast cancer cells (7-10).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.