

SATB2 Antibody / Special AT-rich sequence-binding protein 2 (RQ7324)

Catalog No.	Formulation	Size
RQ7324	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UPW6
Applications	Western Blot : 0.5-1ug/ml
Limitations	This SATB2 antibody is available for research use only.



Western blot testing of human HEL cell lysate with SATB2 antibody. Predicted molecular weight ~83 kDa but commonly observed at up to ~100 kDa.

Description

Special AT-rich sequence-binding protein 2 (SATB2) also known as DNA-binding protein SATB2 is a protein that in humans is encoded by the SATB2 gene. This gene encodes a DNA binding protein that specifically binds nuclear matrix attachment regions. The encoded protein is involved in transcription regulation and chromatin remodeling. Defects in this gene are associated with isolated cleft palate and cognitive disability. Alternate splicing results in multiple transcript variants that encode the same protein.

Application Notes

Optimal dilution of the SATB2 antibody should be determined by the researcher.

Immunogen

Amino acids ERMQHVVQLPPEPVQLHRQQ were used as the immunogen for the SATB2 antibody.

Storage

After reconstitution, the SATB2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.