

SATB2 Polyclonal Antibody

catalog number: **E-AB-91620**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

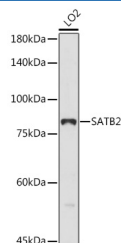
Description

Reactivity	Human;Rat
Immunogen	A synthetic peptide of human SATB2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100

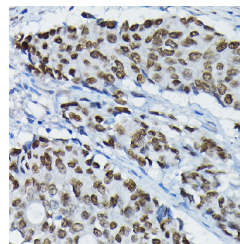
Data



Western blot analysis of extracts of LO2 cells using SATB2 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:83 kDa

Calculated-MW:69 kDa/82 kDa



Immunohistochemistry of paraffin-embedded human colon carcinoma using SATB2 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

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.

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