

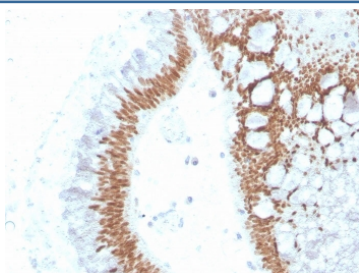
Recombinant SATB2 Antibody [clone SATB2/4374R] (V8660)

Catalog No.	Formulation	Size
V8660-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8660-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8660SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

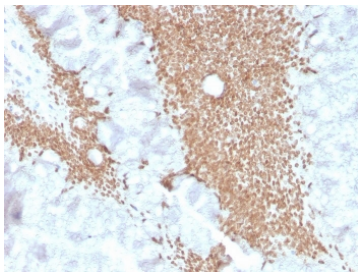
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	SATB2/4374R
Purity	Protein A affinity chromatography
UniProt	Q9UPW6
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This recombinant SATB2 antibody is available for research use only.



IHC staining of FFPE human colon carcinoma with recombinant SATB2 antibody (clone SATB2/4374R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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Description

SATB2 (Special AT-rich sequence-binding protein 2) is a DNA binding protein that specifically binds nuclear matrix attachment regions. It is involved in transcription regulation and chromatin remodeling. SATB2 expression in colorectal carcinomas (CRC) is correlated with good prognosis and in laryngeal squamous cell carcinoma it functions as a tumor suppressor wherein loss of expression is positively correlated with high tumor grade and recurrence. Moreover, SATB2, in combination with CK20, could identify almost all CRC s. Upper gastrointestinal (GI) carcinomas and pancreatic ductal carcinomas are usually negative for SATB2, and ovarian carcinomas, lung adenocarcinomas, and adenocarcinomas from other origin are rarely positive for SATB2. Additionally, SATB2 antibody can identify neuroendocrine neoplasms of colon and rectum because SATB2 is usually negative in neuroendocrine neoplasms of the GI tract, pancreas, and lung. More recently, it has been reported that SATB2 is a sensitive marker for tumors with osteoblastic differentiation.

Application Notes

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

Immunogen

A portion of amino acids 200-300 from the human protein was used as the immunogen for the recombinant SATB2 antibody.

Storage

Store the recombinant SATB2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).