

Product Datasheet

SATB2 Antibody (SATB2/4374R)

NBP3-07487-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07487-100ug

SATB2 Antibody (SATB2/4374R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SATB2/4374R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	83 kDa

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08808) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Rabbit
Gene ID	23314
Gene Symbol	SATB2
Species	Human
Marker	Colorectal Carcinoma Marker
Specificity/Sensitivity	SATB2 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.
Immunogen	Synthetic peptide corresponding to residues within aa200-300 corresponding to human SATB2 (Uniprot: Q9UPW6)

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml

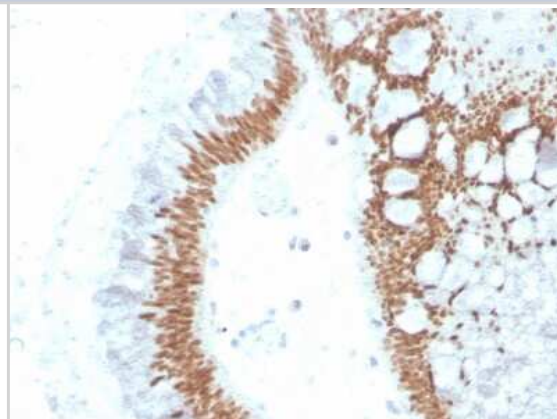


Application Notes

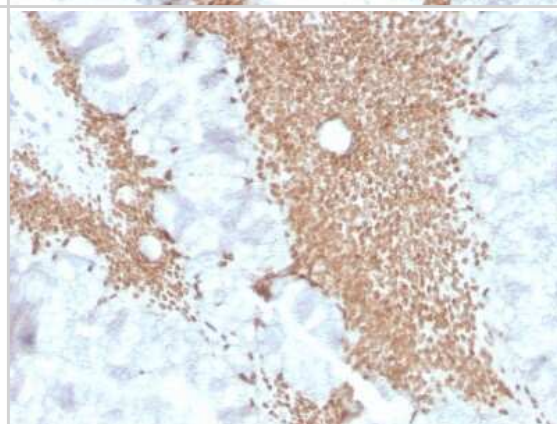
Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Immunohistochemistry-Paraffin: SATB2 Antibody (SATB2/4374R) [NBP3-07487] - Formalin-fixed, paraffin-embedded human colon carcinoma stained with SATB2 Rabbit Recombinant Monoclonal Antibody (SATB2/4374R).



Immunohistochemistry-Paraffin: SATB2 Antibody (SATB2/4374R) [NBP3-07487] - Formalin-fixed, paraffin-embedded human colon carcinoma stained with SATB2 Rabbit Recombinant Monoclonal Antibody (SATB2/4374R).





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Products Related to NBP3-07487-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00023314-P01-2ug	Recombinant Human SATB2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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