

SATB2
Special AT rich sequence binding Protein 2

Edited by:

Dr.R.G.W.Pinto
Professor of Pathology
Former HOD
Former Dean Goa University
President Asian Society of Cytopathology

Described in 2002
Gene for cleft palate

Nuclear stain on IHC

Positive in

Colorectal Carcinoma +++

Appendical Carcinoma +++

Osteosarcoma +++

Also positive in

Benign Bone tumors

ST T liposarcoma

Merkel Cell Ca

Nuclear stain

Uses

1 Colorectal Ca

2 Colorectal Ca metastasis

(Pulmonary Ca -

Pancreatobiliary Ca -)

3 Ovarian metastasis

Colorectal Ca +

Appendiceal Ca +

And

Negative in

Primary Ovarian Ca -

Mucinous Ca -

Endometrioid Ca -

Higher the SATB2 expression ,better is the prognosis ,and better response to therapy