

REST Antibody

Catalog No: #46657

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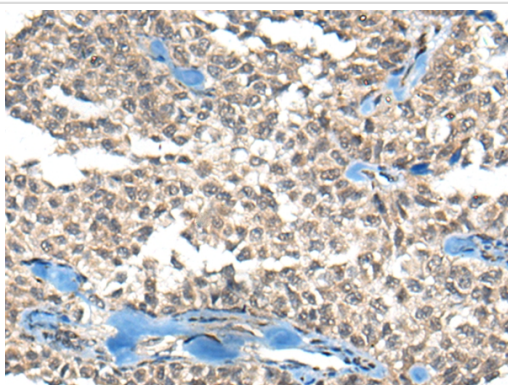
Description

Product Name	REST Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total REST protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human REST
Target Name	REST
Other Names	WT6; XBR; NRSF
Accession No.	Swiss-Prot:Q13127 NCBI Gene ID:5978NCBI Protein:NP_005603
Uniprot	Q13127
GeneID	5978;
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1: 30-150

Images



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 46657(REST Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene encodes a transcriptional repressor that represses neuronal genes in non-neuronal tissues. It is a member of the Kruppel-type zinc finger transcription factor family. It represses transcription by binding a DNA sequence element called the neuron-restrictive silencer element. The protein is also found in undifferentiated neuronal progenitor cells and it is thought that this repressor may act as a master negative regulator of neurogenesis. Alternatively spliced transcript variants have been described.

Note: This product is for in vitro research use only