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Immunotag™ REST Antibody

Antibody Specification

Catalog No.	ITA7804
Product Description	Immunotag™ REST Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	REST
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human REST
Specificity	REST Antibody detects endogenous levels of total REST
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	REST
Accession No.	Q13127
Alternate Names	Neural Restrictive Silencer Factor; Neural-restrictive silencer factor; Neuron Restrictive Silencer Factor; NRSF; RE1 silencing transcription factor; RE1-silencing transcription factor; Repressor binding to the X2 box; rest; REST protein; REST_HUMAN; X2 box repressor; XBR;

Antibody Specification

Description	Transcriptional repressor which binds neuron-restrictive silencer element (NRSE) and represses neuronal gene transcription in non-neuronal cells. Restricts the expression of neuronal genes by associating with two distinct corepressors, mSin3 and CoREST, which in turn recruit histone deacetylase to the promoters of REST-regulated genes. Mediates repression by recruiting the BHC complex at RE1/NRSE sites which acts by deacetylating and demethylating specific sites on histones, thereby acting as a chromatin modifier. Transcriptional repression by REST-CDYL via the recruitment of histone methyltransferase EHMT2 may be important in transformation suppression.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	121 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.