



REST mouse mAb

Catalog No	YP-mAb-09506
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	REST NRSF XBR
Protein Name	RE1-silencing transcription factor (Neural-restrictive silencer factor) (X2 box repressor)
Immunogen	Synthesized peptide derived from human REST AA range: 593-643
Specificity	This antibody detects endogenous levels of human REST
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus . Cytoplasm . Colocalizes with ZFP90 in the nucleus (By similarity). In response to hypoxia, there is a more pronounced increase in levels in the nucleus as compared to the cytoplasm (PubMed:27531581). In aging neurons, increased levels in the nucleus as compared to the cytoplasm (PubMed:24670762, PubMed:30684677). .; [Isoform 2]: Cytoplasm .; [Isoform 3]: Nucleus .; [Isoform 4]: Cytoplasm .
Tissue Specificity	Expressed in neurons of the prefrontal cortex, in hippocampal pyramidal neurons, dentate gyrus granule neurons and cerebellar Purkinje and granule neurons (at protein level) (PubMed:24670762). Expressed in dopaminergic neurons of the substantia nigra (at protein level) (PubMed:30684677). Expressed in neural progenitor cells (at protein level) (PubMed:21258371). In patients suffering from Alzheimer disease, frontotemporal dementia or dementia with Lewy bodies, decreased nuclear levels have been observed in neurons of the prefrontal cortex and the hippocampus, but not in neurons of the dentate gyrus and cerebellum (at protein level) (PubMed:24670762). In patients with Parkinson disease or dementia with Lewy bodies, decreased nuclear levels have been observed in dopaminergic neurons and in co
Function	



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images