



# REST rabbit pAb

<b>Catalog No</b>	BYab-09506
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	REST NRSF XBR
<b>Protein Name</b>	RE1-silencing transcription factor (Neural-restrictive silencer factor) (X2 box repressor)
<b>Immunogen</b>	Synthesized peptide derived from human REST AA range: 593-643
<b>Specificity</b>	This antibody detects endogenous levels of human REST
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:1000-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	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 .
<b>Tissue Specificity</b>	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

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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**

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