

## Product datasheet for **TA326451**

### CoREST (RCOR1) Mouse Monoclonal Antibody [Clone ID: S72-8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	S72-8
Applications:	IHC
Recommended Dilution:	WB: 1ug/ml, IHC: 0.1-1ug/ml, ICC: 0.1-1ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 109-293 of human Co-Rest
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	REST corepressor 1
Database Link:	<a href="#">NP_055971</a> <a href="#">Entrez Gene 217864 Mouse</a> <a href="#">Entrez Gene 102554884 Rat</a> <a href="#">Entrez Gene 23186 Human</a> <a href="#">Q9UKL0</a>

**Background:** The RCOR1 gene encodes a functional corepressor required for regulation of neural-specific gene expression . Co-Rest (corepressor for element-1-silencing transcription factor) is the primary cofactor of Rest, and recruits additional epigenetic factors similarly associated with gene activation and repression . Co-rest has been found to be an essential component of the repression mechanism used to block expression of type II sodium channel reporter genes in non-neuronal cell types . It has also been demonstrated that the corepressor function of Co-REST depends on an HDAC1/2-interacting region containing a SANT domain .

**Synonyms:** COREST; RCOR



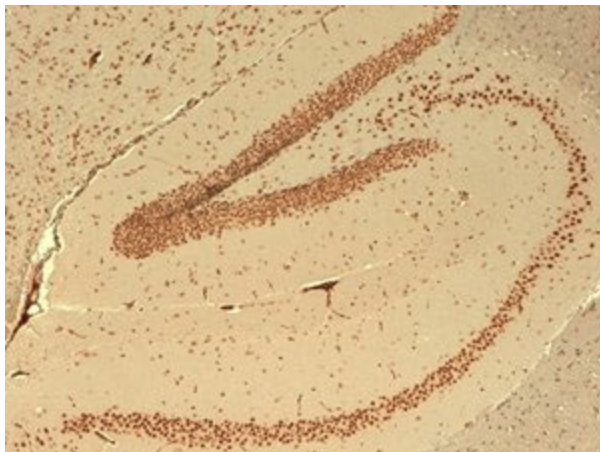
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**Note:** Detects ~66-80kDa (Depending on gel system used)

**Protein Families:** Transcription Factors

**Protein Pathways:** Huntington's disease

**Product images:**



IHC analysis of C-Rest/ RCOR1 using the antibody