SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-ENC1/HRP Conjugated antibody

Catalog Number: SL8043R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-ENC1/HRP
Immunogen:	KLH conjugated synthetic peptide derived from human ENC1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat(predicted:Cow,Horse,Rabbit,Sheep)
Background:	background: Actin-binding protein involved in the regulation of neuronal process formation and in differentiation of neural crest cells. May be down-regulated in neuroblastoma tumors. Substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Tissue specificity: Detected in fetal brain tissue, moderate expression in fetal heart, lung and kidney. Highly expressed in adult brain, particularly high in the hippocampus and amygdala, and spinal chord. Detectable in adult pancreas. **Function:** Actin-binding protein involved in the regulation of neuronal process formation and in differentiation of neural crest cells. May be down-regulated in neuroblastoma tumors. Substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. **Subunit:** Binds to RB1. Hypophosphorylated RB1 associates with ENC1

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	during neuronal differentiation, while hyperphosphorylated RB1 associates with ENC1 in undifferentiating cells. Part of a complex that contains CUL3, RBX1 and ENC1. **Subcellular Location:** Nucleus matrix. Cytoplasm, cytoskeleton. **Tissue Specificity:** Detected in fetal brain tissue, moderate expression in fetal heart, lung and kidney. Highly expressed in adult brain, particularly high in the hippocampus and amygdala, and spinal chord. Detectable in adult pancreas. **Post-translational modifications:** Ubiquitinated and probably targeted for proteasome-independent degradation. **Similarity:** Contains 1 BTB (POZ) domain. Contains 6 Kelch repeats. **Database links:** UniProtKB/Swiss-Prot: O14682.2 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.