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ENC1 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3874a

Specification

ENC1 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	O14682
Other Accession	NP_003624.1, NP_001243505.1, 8507, 13803 (mouse), 294674 (rat)
Reactivity	**Rat**
Predicted	**Human, Mouse, Pig, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**66130**

ENC1 Antibody (internal region) - Additional Information

Gene ID 8507

Other Names
Ectoderm-neural cortex protein 1, ENC-1, Kelch-like protein 37, Nuclear matrix protein NRP/B, p53-induced gene 10 protein, ENC1, KLHL37, NRPB, PIG10

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ENC1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ENC1 Antibody (internal region) - Protein Information

Name ENC1

Synonyms KLHL37, NRPB, PIG10

Function
Actin-binding protein involved in the regulation of neuronal process formation and in differentiation of neural crest cells. Down- regulates transcription factor NF2L2/NRF2 by decreasing the rate of protein synthesis and not via a ubiquitin-mediated proteasomal degradation

mechanism.

Cellular Location
Nucleus matrix. Cytoplasm. Cytoplasm, cytoskeleton

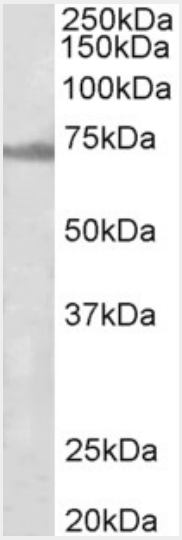
Tissue Location
Detected in fetal brain tissue, moderate expression in fetal heart, lung and kidney. Highly expressed in adult brain, particularly high in the hippocampus and amygdala, and spinal chord Detectable in adult pancreas. May be down-regulated in neuroblastoma tumors

ENC1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ENC1 Antibody (internal region) - Images



AF3874a (1 µg/ml) staining of Rat Ovary lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ENC1 Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_003624.1; NP_001243505.1). Reported variants represent identical protein: NP_001243503.1, NP_001243504.1, NP_003624.1.

ENC1 Antibody (internal region) - References

Ectodermal-neural cortex 1 down-regulates Nrf2 at the translational level. Wang XJ, Zhang DD. PLoS One. 2009;4(5):e5492. PMID: 19424503