ENC-1 Antibody

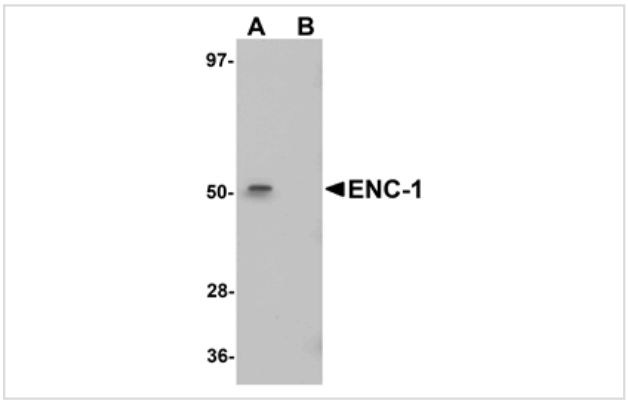
Catalog No: #25094

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

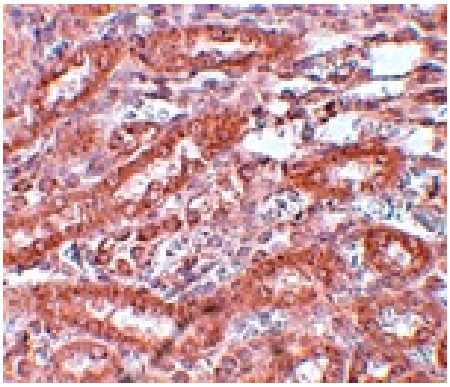
Description

Product Name	ENC-1 Antibody
Host Species	Chicken
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 13 amino acid peptide near the center of human ENC-1.
Target Name	ENC-1
Other Names	Ectoderm-neural cortex-1, p53-induced gene 10, PIG10, Kelch-like protein 37, KLHL37, nuclear matrix protein NRP, B, CCL28
Accession No.	O14682
Uniprot	O14682
GeneID	8507;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of ENC-1 in mouse kidney muscle tissue lysate with ENC-1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ENC-1 in rat kidney tissue with ENC-1 antibody at 5 ug/mL.

Background

The ectoderm-neural cortex-1 (ENC-1) protein is an early and highly specific marker of neural induction in vertebrates. It is a kelch family related protein that functions as an actin-binding protein and has been suggested to be involved in the organization of the actin cytoskeleton during neural fate specification and development of the nervous system. ENC-1 has also been shown to be required for adipocyte differentiation when cytoskeletal reorganization and cell shape change from fibroblastic preadipocytes to spherical adipocytes occur.

Note: This product is for in vitro research use only