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Datasheet for ABIN6991315 **anti-ENC1 antibody (AA 230-280)**

Overview

Quantity:	0.1 mg
Target:	ENC1
Binding Specificity:	AA 230-280
Reactivity:	Human, Rat, Mouse
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This ENC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	ENC-1 antibody was raised against a 13 amino acid synthetic peptide near the center of human ENC-1. The immunogen is located within amino acids 230 - 280 of ENC-1.
Isotype:	IgY
Purification:	ENC-1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ENC1
Alternative Name:	ENC-1 (ENC1 Products)
Background:	ENC-1 Antibody: 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

Target Details

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.

Gene ID: 8507

UniProt: [O14682](#)

Application Details

Application Notes: ENC-1 antibody can be used for detection of ENC-1 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ENC-1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: ENC-1 antibody can be stored at 4°C for three months and -20°C, stable for up to 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.