



ZNF9 (Cellular nucleic acid-Binding Protein, CNBP, Zinc Finger Protein 9, CNBP, RNF163, ZNF9)

Catalog number

226773

Supplier

United States Biological

Cellular nucleic acid binding protein (CNBP) is a highly conserved RNA-binding protein that plays a fundamental biological role in eukaryotic cells by increasing heterologous protein production. CNBP localizes to the nucleus of cells and functions in the brain, specifically in the anterior visceral endoderm and, subsequently, in the anterior definitive endoderm, anterior neuroectoderm, anterior mesendoderm, headfolds and forebrain. CNBP is necessary for the forebrain induction and specification, and mutations in the CNBP gene lead to severe forebrain truncation as well as various craniofacial defects due to a lack of proper morphogenetic movements of the anterior visceral endoderm during the pre-gastrulation stage. Overexpression of CNBP activates cell proliferation and stimulates the activity of the c-Myc promoter.

Applications

Suitable for use in Western Blot. Other applications not tested.

Recommended Dilution

Western Blot: 1:500-1:1000

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

A synthetic peptide corresponding to residues in Human ZNF9.

Formulation

Supplied as a liquid PBS, 0.1% sodium azide, 50% glycerol.

Purity

Purified by immunoaffinity chromatography.

Specificity

Recognizes endogenous levels of ZNF9. Species Crossreactivity: Human, mouse, rat

Product Type

Pab

Source

human

**Isotype**

IgG

Grade

Affinity Purified

Applications

WB

Crossreactivity

Hu Mo Rt

Storage

-20°C

MW

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