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## TFAP2B (N1) Antibody, Rabbit Polyclonal

**Cat#:** R2951-1

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 50 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** Q92481

### **Background:**

Transcription factor AP-2-beta (TFAP2B) belongs to the AP-2 family and is a sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2-beta appears to be required for normal face and limb development and for proper terminal differentiation and function of renal tubular epithelia.

### **Other Names:**

Transcription factor AP-2-beta, AP2-beta, Activating enhancer-binding protein 2-beta

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human TFAP2B. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

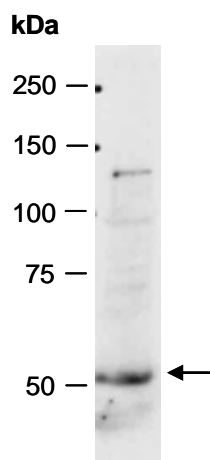
Human, Mouse

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from mouse brain, using anti- TFAP2B (N1) (R2951-1) at RT for 2 h.