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HMX2 (N) Antibody, Rabbit Polyclonal

Cat#: R2001-1

Quantity: 100 ul

Predicted | Observed M.W.: 29 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: A2RU54

Background:

HMX2 is a member of the NKL homeobox family of transcription factors. Members in this family are of ancient origin and play an important role in organ development during embryogenesis. A related mouse protein plays a role in patterning of inner ear structures. In humans, variations in a region containing this gene have been associated with inner ear malformations, vestibular dysfunction, and hearing loss.

Other Names:

Homeobox protein HMX2, Homeobox protein H6 family member 2, NKX5-2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing N-terminal region of human HMX2. 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% NaN₃. 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:

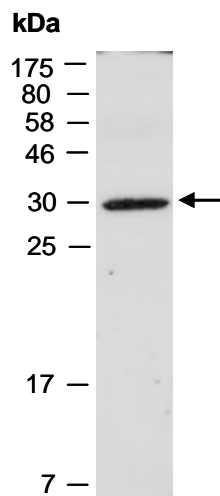


Fig 1. Western blot of total cell extracts from mouse brain; using anti-HMX2 (N) (R2001-1) at RT for 2 h.