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## Hox-A1 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 252055

**Unit:** 0.1 mg

**Description:**

Homeobox protein Hox-A1 (HOXA1) is a sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. HOXA1 plays a role in the development and maintenance of hindbrain segments. Defects in HOXA1 are the cause of Athabaskan brainstem dysgenesis syndrome (ABSD), also known as Narvajo brainstem syndrome. This syndrome is characterized by horizontal gaze palsy, sensorineural deafness, central hypoventilation, and developmental delay. Some patients have swallowing dysfunction, vocal cord paralysis, facial paresis, seizures, and cardiac outflow tract anomalies.

**Isotype:** Rabbit Ig

**Applications:** E, WB

**Species Reactivity:** H

**Format:** Each vial contains 0.1 mg serum in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide.

**Alternate Names:** Homeobox protein Hox-A1; Homeobox protein Hox-1F; HOXA1; HOX1F

**Accession No.:** P49639

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human HOXA1.

**Application Notes:** E: 1:1,000-1:50,000; WB: 1:200-1:1,000

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.