

Product datasheet for **TA348986**

HOXA5 Goat Polyclonal Antibody

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 1-3 ug/ml |
| Reactivity: | Human, Mouse, Rat, Pig (Expected from sequence similarity: Cow) |
| Host: | Goat |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for Anti-HOXA5 (aa83-92) Antibody: Peptide with sequence C-EPRYSQPATS, from the internal region of the protein sequence according to NP_061975.2. |
| Formulation: | Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Concentration: | lot specific |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | homeobox A5 |
| Database Link: | NP_061975 Entrez Gene 15402 MouseEntrez Gene 79241 RatEntrez Gene 3202 Human P20719 |



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Background:

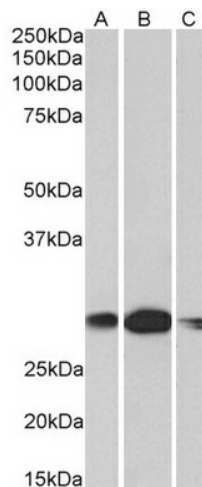
In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis. [provided by RefSeq, Jul 2008]

Synonyms:

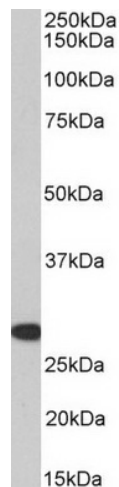
HOX1; HOX1.3; HOX1C

Protein Families:

Transcription Factors

Product images:


TA348986 (1 ug/ml) staining of Human (A), Mouse (B) and rat (C) Kidney lysates (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



TA348986 (1 ug/ml) staining of Pig Kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.