

## Product datasheet for **TA371827**

### HOXA9 Rabbit Polyclonal Antibody

#### Product data:

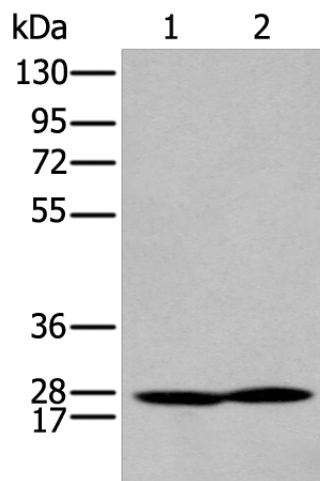
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse kidney tissue□Mouse spleen tissue IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human HOXA9
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	30 kDa
Gene Name:	homeobox A9
Database Link:	<a href="#">Entrez Gene 3205 Human P31269</a>
Background:	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. This gene is highly similar to the abdominal-B (Abd-B) gene of Drosophila. A specific translocation event which causes a fusion between this gene and the NUP98 gene has been associated with myeloid leukemogenesis. Read-through transcription exists between this gene and the upstream homeobox A10 (HOXA10) gene.



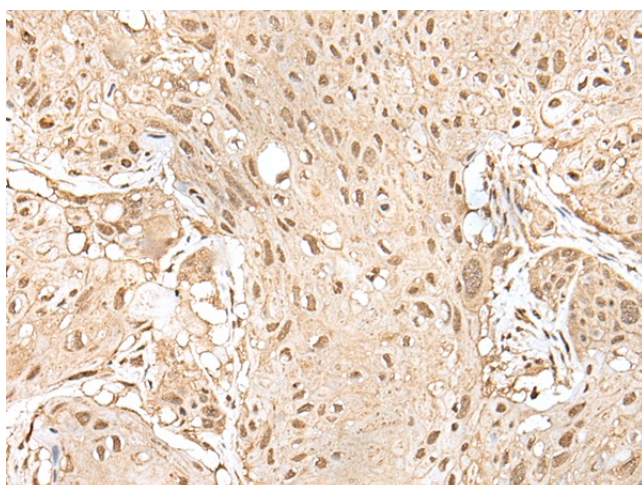
[View online »](#)

Synonyms: ABD-B; Hox-1G; HOX1; HOX1.7; HOX1G; MGC1934

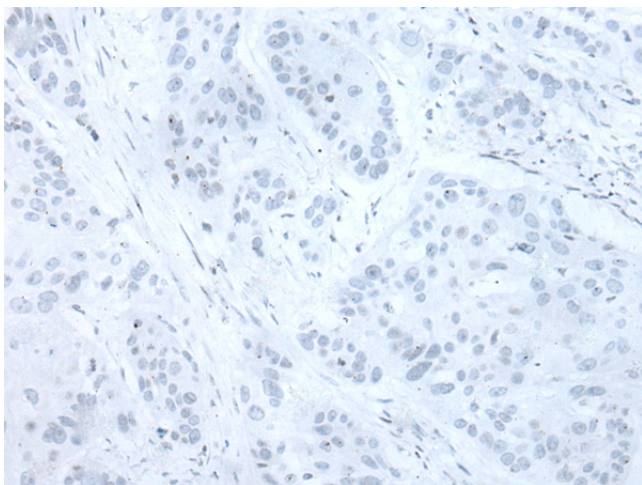
**Product images:**



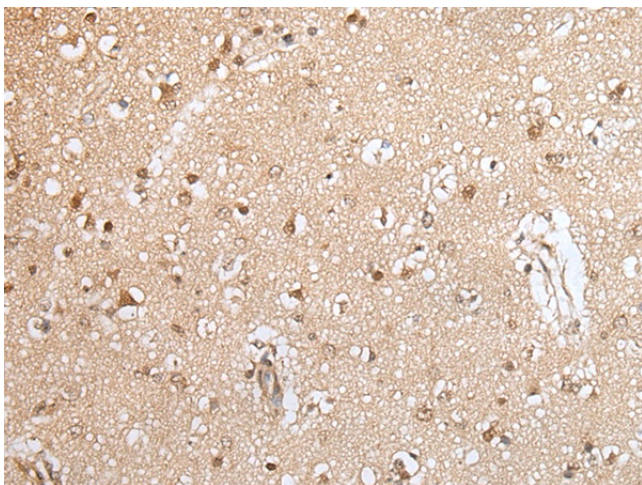
Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-2: Mouse kidney tissue  
 Mouse spleen tissue  
 Primary antibody: TA371827 (HOXA9 Antibody) at dilution 1/300  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 20 seconds



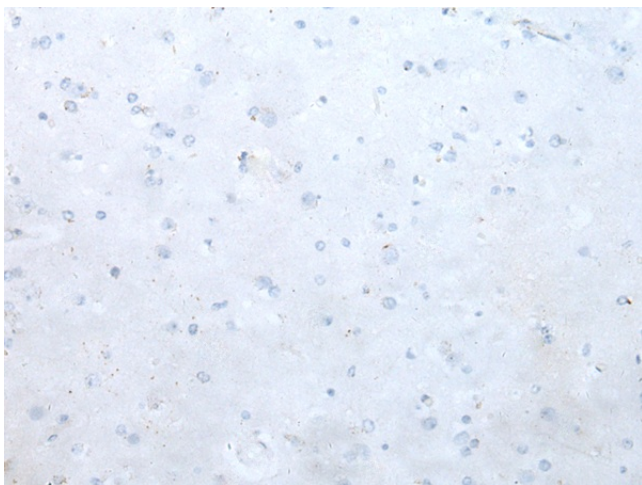
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA371827 (HOXA9 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA371827 (HOXA9 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371827 (HOXA9 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371827 (HOXA9 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)