

## Product datasheet for **TA322598**

### HOXA11 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hela cells
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 144-159 amino acids of Human homeobox A11
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	homeobox A11
Database Link:	<a href="#">NP_005514</a> <a href="#">Entrez Gene 15396 Mouse</a> <a href="#">Entrez Gene 3207 Human</a> <a href="#">P31270</a>



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**Background:**

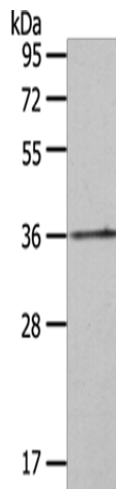
In vertebrates; the genes encoding the class of transcription factors called homeobox genes are found in clusters named A; B; C; and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression; morphogenesis; and differentiation. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia.

**Synonyms:**

HOX1; HOX11; RUSAT1

**Protein Families:**

Transcription Factors

**Product images:**

Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane: HeLa cells  
Primary antibody: TA322598 (HOXA11 Antibody)  
at dilution 1/125  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 2 minutes