

**Product Name: MAGE-A5 Rabbit Polyclonal Antibody****Catalog #: APRab13593**

For research use only.

**Summary**

|                      |   |
|----------------------|---|
| <b>Description</b>   | Rabbit polyclonal Antibody  |
| <b>Host</b>          | Rabbit  |
| <b>Application</b>   | WB,ELISA  |
| <b>Reactivity</b>    | Human,Rat,Mouse   |
| <b>Conjugation</b>   | Unconjugated  |
| <b>Modification</b>  | Unmodified  |
| <b>Isotype</b>       | IgG   |
| <b>Clonality</b>     | Polyclonal  |
| <b>Form</b>          | Liquid  |
| <b>Concentration</b> | 1mg/ml  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                       |
| <b>Shipping</b>      | Ice bags  |
| <b>Buffer</b>        | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| <b>Purification</b>  | Affinity purification   |

**Application**

|                         |                                      |
|-------------------------|--------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:500-1:2000,ELISA 1:5000-1:20000 |
| <b>Molecular Weight</b> | 36kDa                                |

**Antigen Information**

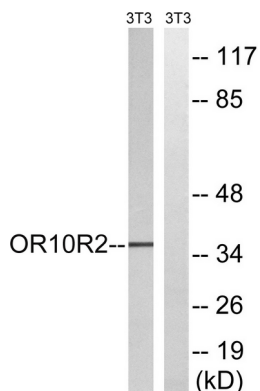
|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | MAGEA5  |
| <b>Alternative Names</b> | MAGEA5; MAGE5; Melanoma-associated antigen 5; Cancer/testis antigen 1.5; CT1.5; MAGE-5 antigen    |
| <b>Gene ID</b>           | 4104.0  |
| <b>SwissProt ID</b>      | P43359  |
| <b>Immunogen</b>         | The antiserum was produced against synthesized peptide derived from human MAGEA5. AA range:68-117 |

**Background**

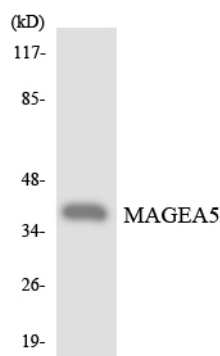
This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. This MAGEA gene encodes a protein that is C-terminally truncated compared to other family members, and this gene can be alternatively interpreted to be a pseudogene. The protein is represented in this Gene record in accordance with the assumed protein-coding status defined in the literature. Read-through transcription exists between this gene and the upstream melanoma antigen family A, 10 (MAGEA10) gene. [prfunction:Not known, though may play a role tumor transformation or progression.,similarity:Contains 1 MAGE domain.,tissue specificity:Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes.,

## Research Area

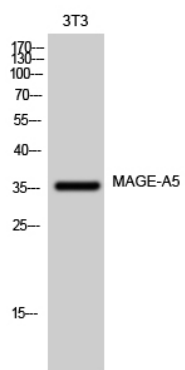
### Image Data



Western blot analysis of lysates from NIH/3T3 cells, using MAGEA5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using MAGEA5 antibody.



Western Blot analysis of 3T3 cells using MAGE-A5 Polyclonal Antibody