

# MAGEA3 Antibody

Catalog No: #37138

Package Size: #37138 100ul

## Description

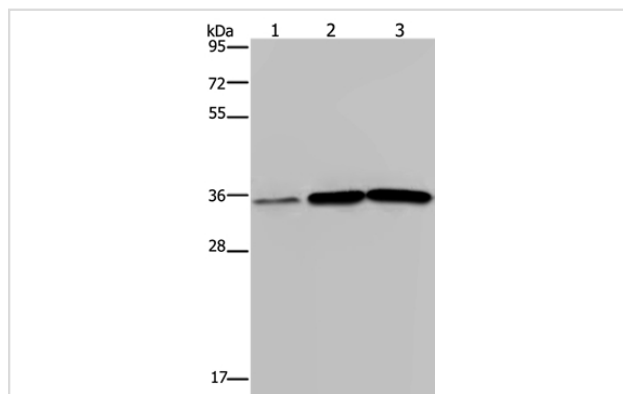
|                       |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| Product Name          | MAGEA3 Antibody                                                                                       |
| Host Species          | Rabbit                                                                                                |
| Clonality             | Polyclonal                                                                                            |
| Purification          | Antigen affinity purification.                                                                        |
| Applications          | WB IHC                                                                                                |
| Species Reactivity    | Hu                                                                                                    |
| Specificity           | The antibody detects endogenous levels of total MAGEA3 protein.                                       |
| Immunogen Type        | Peptide                                                                                               |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human melanoma antigen family A, 3 |
| Conjugates            | Unconjugated                                                                                          |
| Target Name           | MAGEA3                                                                                                |
| Other Names           | HIP8; HYPD; CT1.3; MAGE3; MAGEA6                                                                      |
| Accession No.         | Swiss-Prot#: P43357NCBI Gene ID: 4102Gene Accssion: NP_005353/P43357                                  |
| SDS-PAGE MW           | 35kd                                                                                                  |
| Concentration         | 2.9mg/ml                                                                                              |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                                       |
| Storage               | Store at -20°C                                                                                        |

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

## Images



Gel: 10%SDS-PAGE

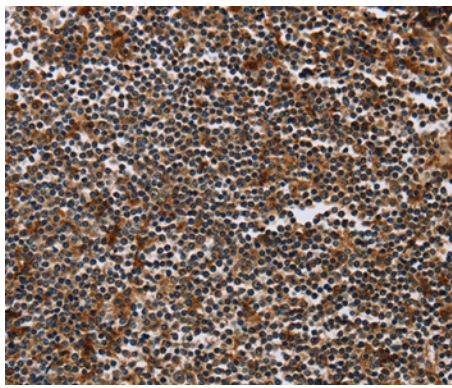
Lysates (from left to right): Human testis tissue, A549 and PC3 cell

Amount of lysate: 40ug per lane

Primary antibody: 1/400 dilution

Secondary antibody dilution: 1/8000

Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using #37138 at dilution 1/50.

## 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.

## Published Papers

el at., Establishment of cancer/testis antigen profiling based on clinicopathological characteristics in resected pathological stage III non-small cell lung cancer. In Cancer Manag Res. On 2018 Jul 16 by Jin S, Cao S et al.. PMID: 30038519, , (2018)

[PMID:30038519](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.