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Rabbit Anti-MAGEL2 antibody

SL6828R

Product Name:	MAGEL2
Chinese Name:	黑色素瘤抗原样基因2抗体
Alias:	Mage-l2; MAGE-like 2; MAGE-like protein 2; MAGEL2; melanoma antigen-like gene 2; NDNL1; necdin-like 1; nM15; ns7.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	59kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAGEL2:121-220/529
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Melanoma-associated antigen (MAGE) are completely silent in normal tissues, with the exception of male germ cells, and, for some of them, placenta. These antigens ought to be strictly tumor specific, expressed in tumor cells of various histological types. Because of their specific expression on tumor cells, these antigens are of particular interest for antitumor immunotherapy. Genes of the MAGE family direct the expression of tumor antigens that are recognized on a human melanoma by autologous cytolytic T

lymphocytes. Though the function of MAGE is unknown, may play a role in embryonal development and tumor transformation or aspects of tumor progression.

Function:
May enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex.

Subunit:
Interacts with TRIM27.

Tissue Specificity:
Expressed in placenta, fetal and adult brain. Not detected in heart and small intestine, very low levels in fibroblasts. Not expressed in brain of a Prader-Willi patient.

DISEASE:
Note=May play a role in Prader-Willi syndrome (PWS) which is a contiguous gene syndrome resulting from inactivity of the paternal copies of a number of genes on 15q11, through deletion or disruption of these genes or maternal uniparental disomy 15. The PWS syndrome is characterized by muscular hypotonia, mental retardation, short stature, obesity, hypogonadotropic hypogonadism, and small hands and feet.

Similarity:
Contains 1 MAGE domain.

SWISS:
Q9UJ55

Gene ID:
54551

Database links:

Entrez Gene: 54551Human

Omim: 605283Human

SwissProt: Q9UJ55Human

Unigene: 141496Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.