MAGEL2 Antibody

Catalog No: #37712

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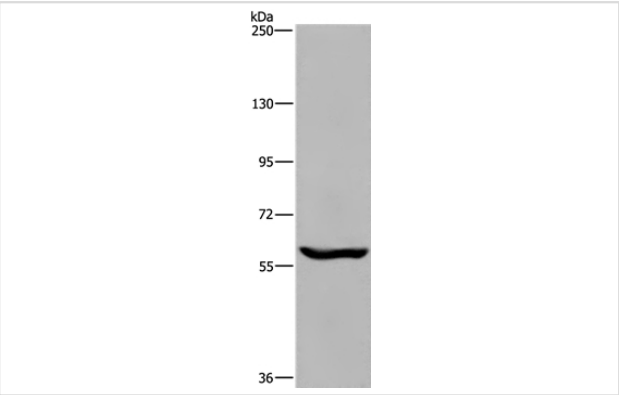
Description

Product Name	MAGEL2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MAGEL2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human MAGE-like 2
Target Name	MAGEL2
Other Names	PWLS; nM15; NDNL1
Accession No.	Swiss-Prot#: Q9UJ55NCBI Gene ID: 54551Gene Accssion: NP_061939
Uniprot	Q9UJ55
GeneID	54551;
SDS-PAGE MW	59kd
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 6%SDS-PAGE
Lysate: 40ug Raji cell
Primary antibody: 1/250 dilution
Secondary antibody dilution: 1/8000
Exposure time: 5 minutes

Background

Prader-Willi syndrome (PWS) is caused by the loss of expression of imprinted genes in chromosome 15q11-q13 region. Affected individuals exhibit neonatal hypotonia, developmental delay, and childhood-onset obesity. Necdin (NDN), a gene involved in the terminal differentiation of neurons,

localizes to this region of the genome and has been implicated as one of the genes responsible for the etiology of PWS. This gene is structurally similar to NDN, is also localized to the PWS chromosomal region, and is paternally imprinted, suggesting a possible role for it in PWS.

Note: This product is for in vitro research use only