

Datasheet for ABIN2782572
anti-MAGEA5 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	MAGEA5
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAGEA5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MAGEA5
Sequence:	MSLEQKSQHC KPEEGLDTQE EALGLVGVQA ATTEEQEA VS SSSPLVPGTL
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against MAGEA5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MAGEA5
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Target Details

Alternative Name:	MAGEA5 (MAGEA5 Products)
Background:	<p>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 Entrez Gene record in accordance with the assumed protein-coding status defined in the literature.</p> <p>Alias Symbols: MAGE5, MAGEA4, MGC129526, CT1.5</p> <p>Protein Size: 124</p>
Molecular Weight:	13 kDa
Gene ID:	4104
NCBI Accession:	NM_021049 , NP_066387
UniProt:	P43359

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 124 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MAGEA5
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500
Positive Control: HT1080 cell lysate
MAGEA5 is supported by BioGPS gene expression data to be expressed in HT1080

Western Blotting

Image 2. WB Suggested Anti-MAGEA5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: HT1080 cell lysate MAGEA5 is supported by BioGPS gene expression data to be expressed in HT1080