

Product datasheet for **TA343533**

MAGEA9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MAGEA9 antibody: synthetic peptide directed towards the N terminal of human MAGEA9. Synthetic peptide located within the following region: RSPHCKPDEDLEAQGEDLGLMGAQEPTGEEEEETSSSDSKEEEVSAAGSS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	MAGE family member A9
Database Link:	NP_005356 Entrez Gene 4108 Human P43362



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Background:

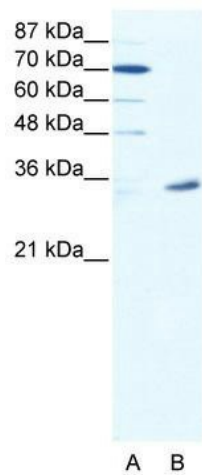
MAGEA9 is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed 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 pseudogene is a member of the cytochrome P450 gene superfamily. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. It is possible that, in rare cases, a combination of two SNPs in this gene may result in an open reading frame encoding a functional enzyme which metabolizes codeine to morphine. This locus is part of a cluster of cytochrome P450 genes on chromosome 22q13.1.

Synonyms:

CT1.9; MAGE9

Note:

Immunogen Sequence Homology: Human: 100%

Product images:

WB Suggested Anti-MAGEA9 Antibody Titration:
2.5 ug/ml; ELISA Titer: 1: 62500; Positive Control:
HepG2 cell lysate