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Product datasheet for TA334932

MAGEA4 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-MAGEA4 antibody: synthetic peptide directed towards the C terminal of human MAGEA4. Synthetic peptide located within the following region: ENYLEYRQVPGSNPARYEFLWGPRALAETSYVKVLEHVVRVNARVRIAYP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity 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 A4
Database Link:	NP_001011548 Entrez Gene 4103 Human P43358

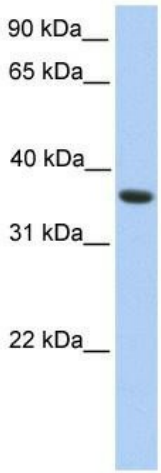
View online »

Background: MAGEA4 is a member of the MAGEA family. The members of this family are 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 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. At least four variants encoding the same protein have been found for this gene.

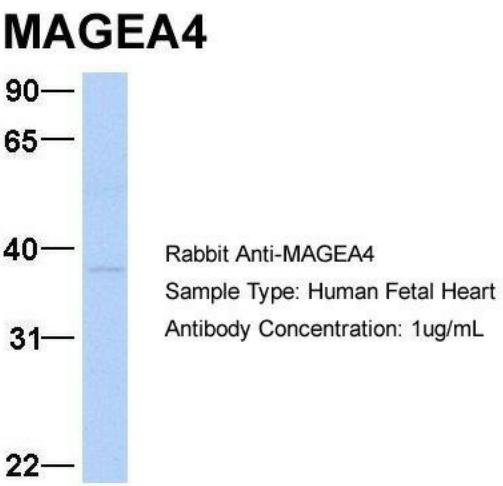
Synonyms: CT1.4; MAGE-41; MAGE-X2; MAGE4; MAGE4A; MAGE4B

Note: Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Bovine: 93%; Rat: 86%; Horse: 86%; Guinea pig: 86%; Mouse: 79%; Rabbit: 79%

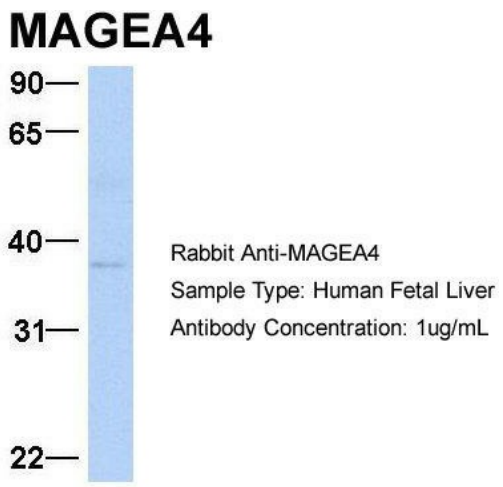
Product images:



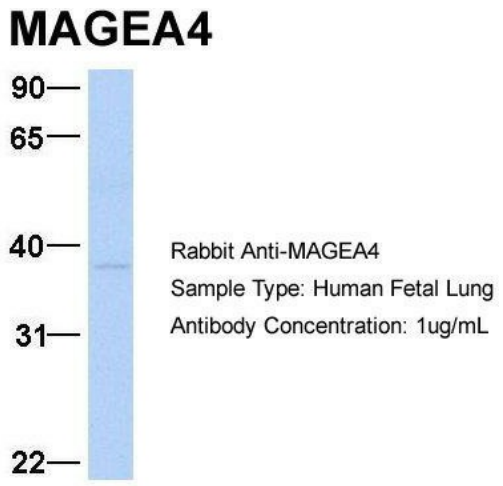
WB Suggested Anti-MAGEA4 Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate



Host: Rabbit; Target Name: MAGEA4; Sample Tissue: Human Fetal Heart; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: MAGEA4; Sample Tissue: Human Fetal Liver; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: MAGEA4; Sample Tissue: Human Fetal Lung; Antibody Dilution: 1.0 ug/ml