

MAGE-C2 Polyclonal Antibody

Catalog No :	YT2626
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	MAGE-C2
Gene Name :	MAGEC2
Protein Name :	Melanoma-associated antigen C2
Human Gene Id :	51438
Human Swiss Prot No :	Q9UBF1
Immunogen :	Synthesized peptide derived from MAGE-C2 . at AA range: 160-240
Specificity :	MAGE-C2 Polyclonal Antibody detects endogenous levels of MAGE-C2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	41kD
Background :	This gene is a member of the MAGEC gene family. It is not expressed in normal tissues, except for testis, and is expressed in tumors of various histological types. This gene and the other MAGEC genes are clustered on chromosome Xq26-q27.

[provided by RefSeq, Oct 2009],

Function :

developmental stage: Strongly expressed in spermatogonia and primary spermatocytes. At later stages of maturation, expression gradually decreases and becomes undetectable in mature spermatids., similarity: Contains 1 MAGE domain., subcellular location: Nuclear in germ cells. Cytoplasmic in well-differentiated hepatocellular carcinoma, nuclear in moderately- and poorly-differentiated hepatocellular carcinoma., tissue specificity: Not expressed in normal tissues, except in germ cells in the seminiferous tubules and in Purkinje cells of the cerebellum. Expressed in various tumors, including melanoma, lymphoma, as well as pancreatic cancer, mammary gland cancer, non-small cell lung cancer and liver cancer. In hepatocellular carcinoma, there is an inverse correlation between tumor differentiation and protein expression, i.e. the lower the differentiation, the higher percentage of expression.,

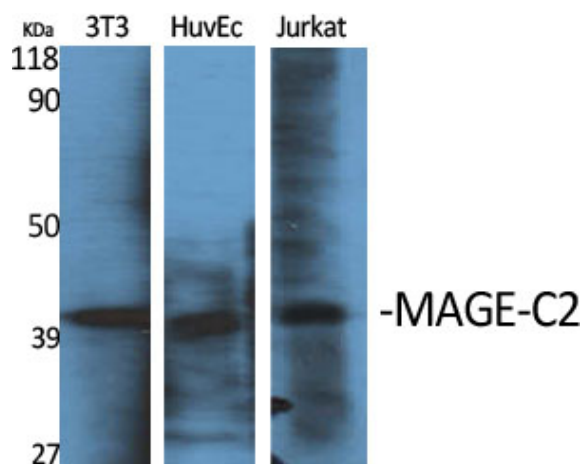
Subcellular Location :

Cytoplasm . Nucleus . Nuclear in germ cells. Cytoplasmic in well-differentiated hepatocellular carcinoma, nuclear in moderately- and poorly-differentiated hepatocellular carcinoma.

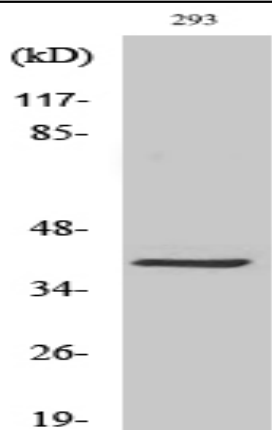
Expression :

Not expressed in normal tissues, except in germ cells in the seminiferous tubules and in Purkinje cells of the cerebellum. Expressed in various tumors, including melanoma, lymphoma, as well as pancreatic cancer, mammary gland cancer, non-small cell lung cancer and liver cancer. In hepatocellular carcinoma, there is an inverse correlation between tumor differentiation and protein expression, i.e. the lower the differentiation, the higher percentage of expression.

Products Images



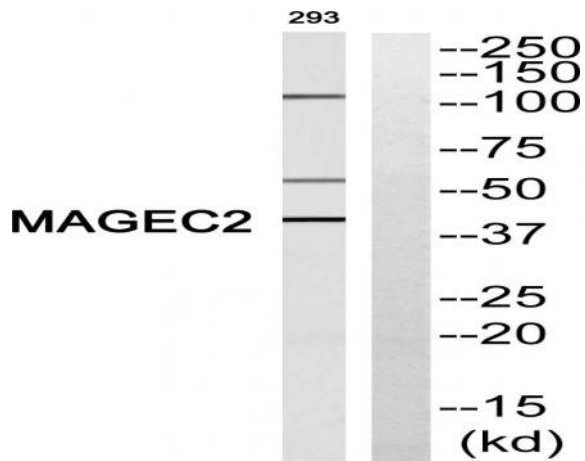
Western Blot analysis of various cells using MAGE-C2 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of 293 cells using MAGE-C2 Polyclonal Antibody diluted at 1:1000



Western blot analysis of mouse-brain HELA KB SH-SY5Y 293T 3T3 lysis using MAGE-C2 antibody. Antibody was diluted at 1:1000



Western blot analysis of MAGEC2 Antibody. The lane on the right is blocked with the MAGEC2 peptide.