



MAGE-C2 Polyclonal Antibody

Catalog No	YP-Ab-00437
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	MAGEC2
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cancer/testis antigen 1;CT1;HCA587;MAGE C2 antigen;MAGE E1 antigen; MAGEC2;MAGEE1;melanoma antigen family C;2;MAGE-C2;Melanoma-associated antigen C2;Cancer/testis antigen 10;CT10;Hepatocellular carcinoma-associated antigen 587;MAGE-C2 antigen;MAGE-E1 antigen
Observed Band	41kD
Calculated Molecular Weight	41kD
Cell Pathway	Cytoplasm . Nucleus . 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.
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

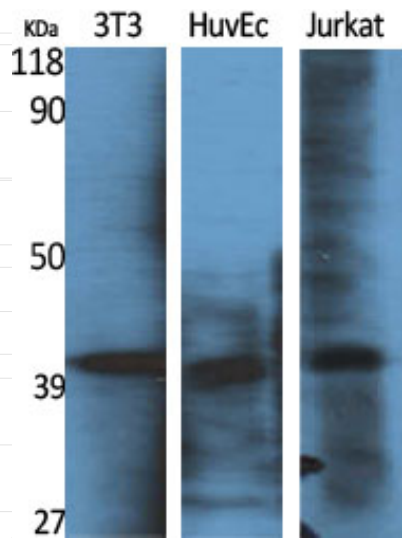


domain.,subcellular location:Nuclear in germ cells. Cytoplasmic in well-differentiated hepatocellular carcinoma, nuclear in moderately- and poorly-differentiated hepatocellular carcinoma.,tissue specificity:Not expressed in normal tissues, except in germ cells in the seminiferous tubules and in Purkinje 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 a inverse correlation between tumor differentiation and protein expression, i.e. the lower the differentiation, the higher percentage of expression.,

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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

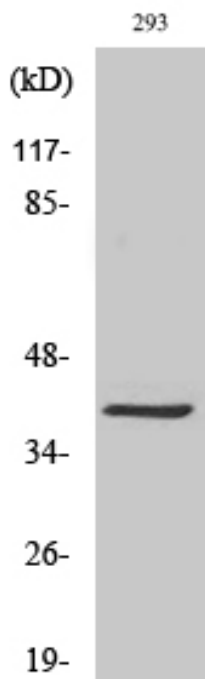


Products Images

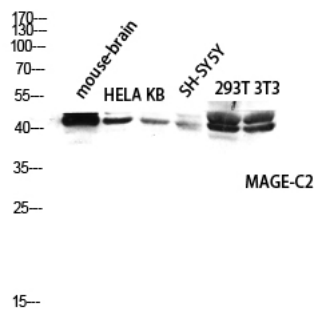


-MAGE-C2

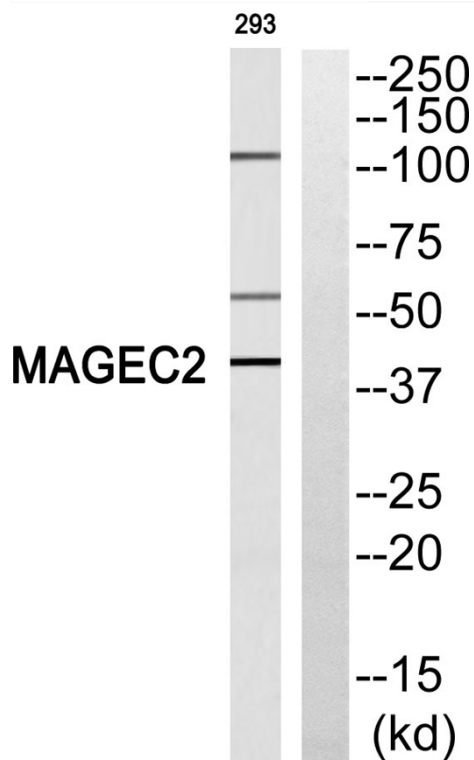
Western Blot analysis of various cells using MAGE-C2 Polyclonal Antibody diluted at 1:1000



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.