

MIA2 Polyclonal Antibody

Catalog No :	YT5779
Reactivity :	Human;Mouse
Applications :	WB;IHC
Target :	MIA2
Gene Name :	MIA2
Protein Name :	MIA2
Human Gene Id :	117153
Human Swiss Prot No :	Q96PC5
Mouse Gene Id :	338320
Mouse Swiss Prot No :	Q91ZV0
Immunogen :	Synthesized peptide derived from MIA2 at AA range: 361-410
Specificity :	MIA2 Polyclonal Antibody detects endogenous levels of MIA2
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
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 : 65kD

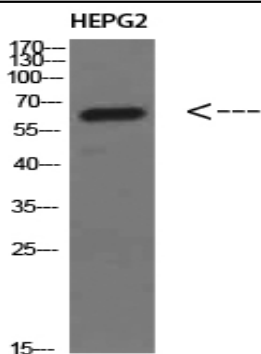
Background : This gene encodes s receptor in the endoplasmic reticulum, which plays a role in the export of large pre-chylomicrons and pre-very low density lipoproteins (pre-VLDLs). Three major classes of transcripts are generated from this gene- melanoma inhibitory activity 2-specific transcripts, cTAGE family member 5-specific transcripts and transcripts that include exons from both these transcript species (TANGO1-like or TALI). Additionally, alternative splicing in these transcripts results in multiple transcript variants encoding multiple isoforms. [provided by RefSeq, Sep 2016],

Function : disease:Autoantigen found several cancer types, including benign meningioma and cutaneous T-cell lymphoma (CTCL). Isoform 5A and isoform 5B are recognized by patients' sera with tumor specimen of various origins.,disease:Tumor-associated antigen found in several cutaneous T-cell lymphoma (CTCL). Also found in colorectal and breast carcinomas, head and neck squamous cell carcinomas and melanoma.,function:Tumor-associated antigen.,sequence caution:Translation N-terminally extended.,similarity:Belongs to the cTAGE family.,tissue specificity:At the protein level, isoform 5A is expressed only in testis. Other isoforms are expressed in several other normal tissues, including brain, muscle and cranial skin. Isoform 5A (at the protein level) and isoform 5B are expressed in cutaneous T-cell lymphoma (CTCL) cell lines, colorectal carcinomas, breast carcinomas and melanoma. Isoform 5B, but not isof

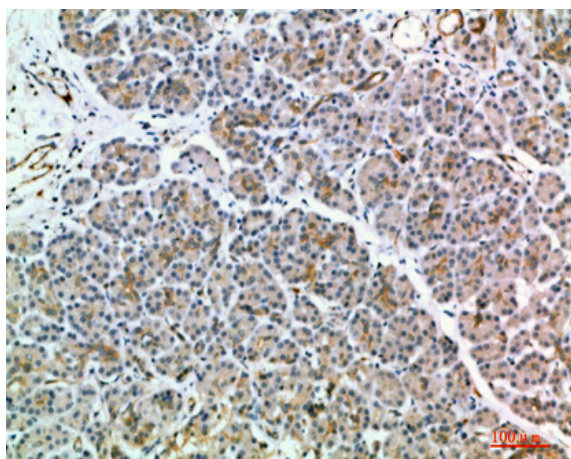
Subcellular Location : Endoplasmic reticulum membrane ; Single-pass membrane protein . Localizes to endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER). .

Expression : Highly expressed in liver and weakly in testis. Expression was higher in patients with severe fibrosis or inflammation and chronic hepatitis (PubMed:12586826). Isoform 1 is specifically expressed in lung, testis, small intestine, colon, pancreas, kidney, liver and prostate (PubMed:27138255). Isoform 8 is expressed only in testis (at the protein level). Isoform 8 (at protein level) and isoform 9 are expressed in cutaneous T-cell lymphoma (CTCL) cell lines, colorectal carcinomas, breast carcinomas and melanoma. Isoform 9, but not isoform 5A, is expressed in head and neck squamous cell carcinoma (PubMed:12839582).

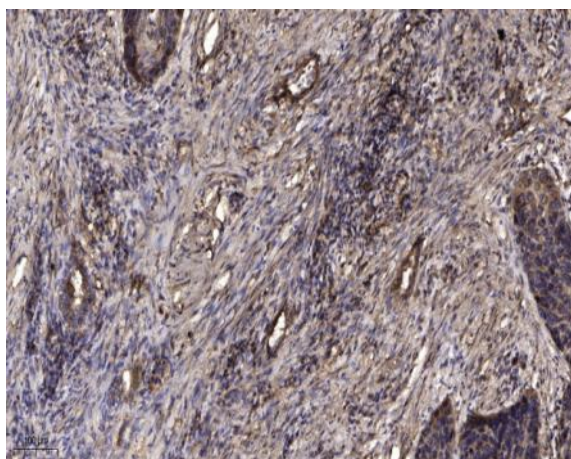
Products Images



Western Blot analysis of HEPG2 cells using MIA2 Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).