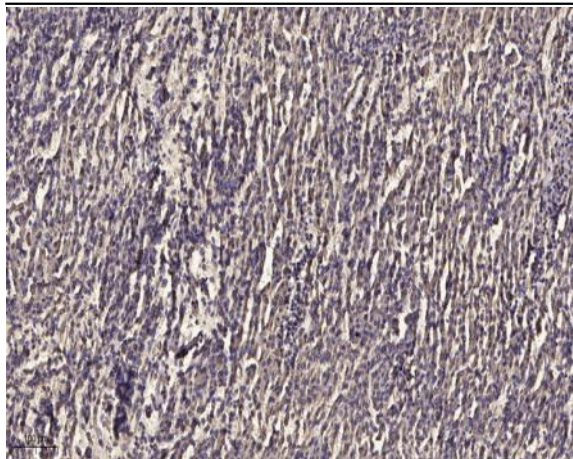


Mesothelin rabbit pAb

Catalog No :	YT7925
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA;IHC
Target :	Mesothelin
Gene Name :	MSLN MPF
Protein Name :	Mesothelin
Human Gene Id :	10232
Human Swiss Prot No :	Q13421
Mouse Gene Id :	56047
Mouse Swiss Prot No :	Q61468
Rat Gene Id :	60333
Rat Swiss Prot No :	Q9ERA7
Immunogen :	Synthesized peptide derived from human Mesothelin
Specificity :	This antibody detects endogenous levels of Human Mesothelin
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; ELISA 2000-20000
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)
Molecularweight :	69kD
Background :	This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016],
Function :	disease:Antibodies against MSLN are detected in patients with mesothelioma and ovarian cancer.,function:Megakaryocyte-potentiating factor (MPF) potentiates megakaryocyte colony formation in vitro.,function:Membrane-anchored forms may play a role in cellular adhesion.,PTM:Both MPF and the cleaved form of mesothelin are N-glycosylated.,PTM:Proteolytically cleaved by a furin-like convertase to generate megakaryocyte-potentiating factor (MPF), and the cleaved form of mesothelin.,similarity:Belongs to the mesothelin family.,subunit:Interacts with MUC16.,tissue specificity:Expressed in lung. Expressed at low levels in heart, placenta and kidney. Expressed in mesothelial cells. Highly expressed in mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level).,
Subcellular Location :	Cell membrane; Lipid-anchor, GPI-anchor. Golgi apparatus.; [Megakaryocyte-potentiating factor]: Secreted.; [Isoform 3]: Secreted.
Expression :	Expressed in lung. Expressed at low levels in heart, placenta and kidney. Expressed in mesothelial cells. Highly expressed in mesotheliomas, ovarian cancers, and some squamous cell carcinomas (at protein level).

Products Images



Immunohistochemical analysis of paraffin-embedded human meningioma. 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).