

MAN1 rabbit pAb

Catalog No :	YT7363
Reactivity :	Human;Mouse
Applications :	WB
Target :	MAN1
Gene Name :	LEMD3 MAN1
Protein Name :	MAN1
Human Gene Id :	23592
Human Swiss Prot No :	Q9Y2U8
Mouse Gene Id :	380664
Mouse Swiss Prot No :	Q9WU40
Immunogen :	Synthesized peptide derived from human MAN1 AA range: 61-111
Specificity :	This antibody detects endogenous levels of MAN1 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
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 : 100kD

Background : This locus encodes a LEM domain-containing protein. The encoded protein functions to antagonize transforming growth factor-beta signaling at the inner nuclear membrane. Two transcript variants encoding different isoforms have been found for this gene. Mutations in this gene have been associated with osteopoikilosis, Buschke-Ollendorff syndrome and melorheostosis.[provided by RefSeq, Nov 2009],

Function : disease:Defects in LEMD3 are a cause of melorheostosis [MIM:155950]. Melorheostosis is a rare mesenchymal dysplasia and one of the sclerosing bone disorders. It is caused by a developmental error, with a sclerotomal distribution, frequently involving one limb. It may be asymptomatic, but pain, stiffness with limitation of motion, leg-length discrepancy and limb deformity may occur.,disease:Defects in LEMD3 are the cause of Buschke-Ollendorff syndrome (BOS) [MIM:166700]; also known as dermatoosteopoikilosis or disseminated dermatofibrosis with osteopoikilosis or dermatofibrosis lenticularis disseminata with osteopoikilosis or osteopathia condensans disseminata. BOS refers to the association of osteopoikilosis with disseminated connective-tissue nevi. Osteopoikilosis is a skeletal dysplasia characterized by a symmetric but unequal distribution of multiple hyperostotic areas in different pa

Subcellular Location : Nucleus inner membrane ; Multi-pass membrane protein .

Expression : Heart, brain, placenta, lung, liver and skeletal muscle.

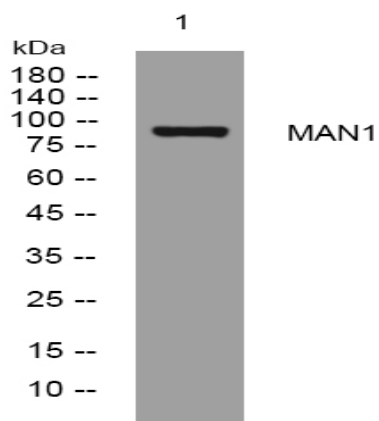
Sort : 9355

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4° over night