

SMYD1 mouse mAb

Catalog No :	YM1230
Reactivity :	Rat
Applications :	WB
Target :	SMYD1
Fields :	>>Lysine degradation;>>Metabolic pathways
Gene Name :	smyd1
Human Gene Id :	150572
Human Swiss Prot No :	Q8NB12
Mouse Swiss Prot No :	P97443
Immunogen :	Purified recombinant human SMYD1 protein fragments expressed in E.coli.
Specificity :	This antibody detects endogenous levels of SMYD1 and does not cross-react with related proteins.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	wb 1:100
Purification :	The antibody was affinity-purified from mouse ascites 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 :	56kD

Background : function:Acts as a transcriptional repressor. Essential for cardiomyocyte differentiation and cardiac morphogenesis.,similarity:Contains 1 MYND-type zinc finger.,similarity:Contains 1 SET domain.,subunit:Interacts with HDAC1, HDAC2 and HDAC3.,

Function : function:Acts as a transcriptional repressor. Essential for cardiomyocyte differentiation and cardiac morphogenesis.,similarity:Contains 1 MYND-type zinc finger.,similarity:Contains 1 SET domain.,subunit:Interacts with HDAC1, HDAC2 and HDAC3.,

Subcellular Location : Cytoplasm . Nucleus .

Expression : Expression seems mostly restricted to heart and skeletal muscle.

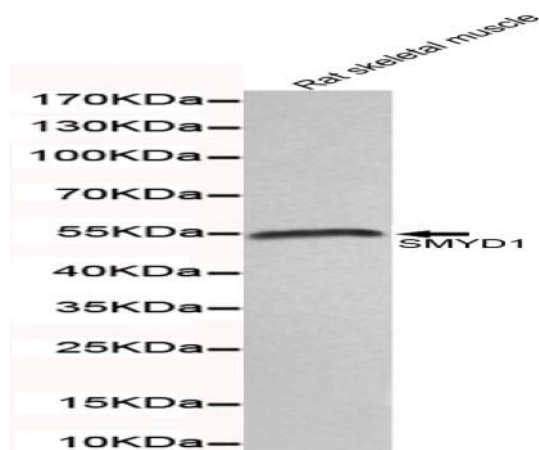
Sort : 16459

No4 : 1

Host : Mouse

Modifications : Unmodified

Products Images



Western blot detection of SMYD1 in rat skeletal muscle lysates and using SMYD1 mouse mAb (1:100 diluted). Predicted band size: 56KDa.Observed band size: 56KDa.