



SMYD1 mouse mAb

Catalog No	YP-Ab-04460
Isotype	IgG
Reactivity	Rat
Applications	WB
Gene Name	smyd1
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
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb 1:100
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SMYD1;BOP;CD8 beta opposite;CD8b opposite;Histone lysine N methyltransferase SMYD1;KMT3D;SET and MYND domain-containing protein 1; SMYD1_HUMAN;Zinc finger MYND domain containing 18;ZMYND18;ZMYND22; zinc finger;MYND domain containing 18.
Observed Band	56kD
Calculated Molecular Weight	56kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Expression seems mostly restricted to heart and skeletal muscle.
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.,
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.,

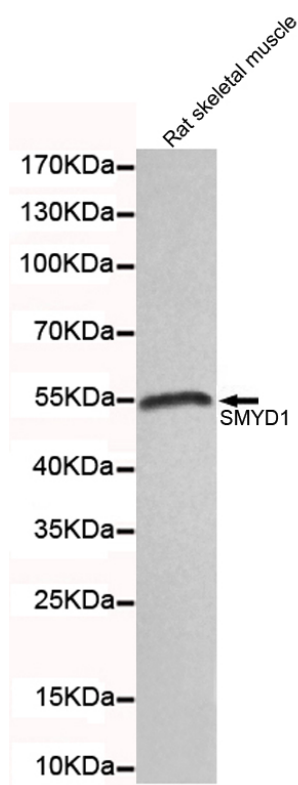
**matters needing attention**

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



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.