Best Tools for immunology Research

SMARCC1 mouse mAb

Catalog No :	YM1337
Reactivity :	Human
Applications :	WB
Target :	SMARCC1
Fields :	>>Thermogenesis;>>Hepatocellular carcinoma
Gene Name :	baf155
Human Gene Id :	6599
Human Swiss Prot No :	Q92922
Mouse Swiss Prot No :	P97496
Immunogen :	Purified recombinant human SMARCC1 protein fragments expressed in E.coli.
Specificity :	This antibody detects endogenous levels of SMARCC1 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 1:1000
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 :	155kD

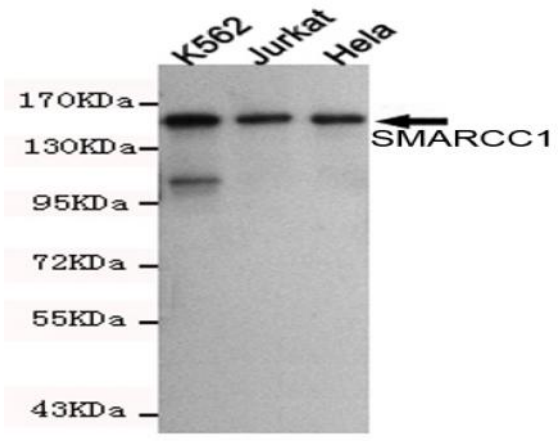
Background : The protein encoded by this gene is a member of the SWI/SNF family of proteins, whose members display helicase and ATPase activities and which are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI and contains a predicted leucine zipper motif typical of many transcription factors. [provided by RefSeq, Jul 2008],

Function : function:Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). May stimulate the ATPase activity of the catalytic subunit of the complex. Also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.,PTM:Phosphorylated on undefined residues at the G2/M transition by ERK1 and other kinases. This may contribute to cell cycle specific inactivation of remodeling complexes containing the phosphorylated protein.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the SMARCC family.,similarity:Contains 1 SANT domain.,similarity:Contains 1 SWIRM domain.,subunit:Component of 6 multi

Subcellular Location : Nucleus . Cytoplasm .

Expression : Expressed in brain, heart, muscle, placenta, lung, liver, muscle, kidney and pancreas.

Products Images



Western blot detection of SMARCC1 in K562,Jurkat and Hela cell lysates using SMARCC1 mouse mAb (1:1000 diluted).Predicted band size:155KDa.Observed band size:155KDa.