



# MOF Polyclonal Antibody

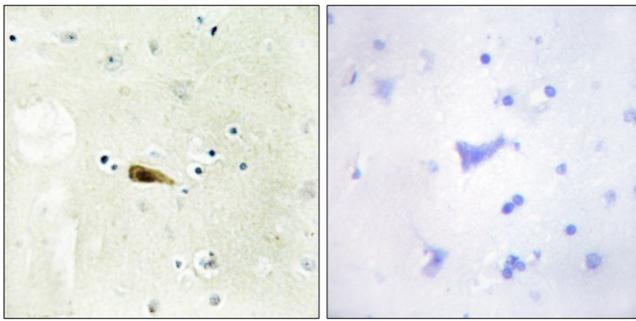
<b>Catalog No</b>	BYab-01875
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	IHC;IF;ELISA
<b>Gene Name</b>	KAT8
<b>Protein Name</b>	Histone acetyltransferase KAT8
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MYST1. AA range:101-150
<b>Specificity</b>	MOF Polyclonal Antibody detects endogenous levels of MOF protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	KAT8; MOF; MYST1; PP7073; Histone acetyltransferase KAT8; Lysine acetyltransferase 8; MOZ; YBF2/SAS3, SAS2 and TIP60 protein 1; MYST-1; hMOF
<b>Observed Band</b>	
<b>Cell Pathway</b>	Nucleus . Chromosome .
<b>Tissue Specificity</b>	Brain,Embryo,Heart,Uterus,
<b>Function</b>	catalytic activity:Acetyl-CoA + histone = CoA + acetylhistone.,function:Histone acetyltransferase which may be involved in transcriptional activation. May influence the function of ATM.,similarity:Belongs to the MYST (SAS/MOZ) family.,similarity:Contains 1 C2HC-type zinc finger.,similarity:Contains 1 chromo domain.,subunit:Component of a multisubunit histone acetyltransferase complex (MSL) at least composed of the MOF/MYST1, MSL1/hampin, MSL2L1 and MSL3L1. Interacts with the chromodomain of MORF4L1/MRG15. Interacts with ATM through the chromodomain.,

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<b>Background</b>	This gene encodes a member of the MYST histone acetylase protein family. The encoded protein has a characteristic MYST domain containing an acetyl-CoA-binding site, a chromodomain typical of proteins which bind histones, and a C2HC-type zinc finger. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using MYST1 Antibody. The picture on the right is blocked with the synthesized peptide.