

Rabbit HMOF/MYST1 Polyclonal Antibody | anti-KAT8 antibody

HMOF/MYST1 Antibody (C-term)

CATALOG # AAA283911	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

HMOF/MYST1; Polyclonal Antibody; HMOF/MYST1 Antibody (C-term); Histone acetyltransferase KAT8; Lysine acetyltransferase 8; MOZ; YBF2/SAS3; SAS2 and TIP60 protein 1; MYST-1; hMOF; KAT8; MOF; MYST1; anti-KAT8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HMOF/MYST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 409-439 amino acids from the C-terminal region of human HMOF/MYST1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	409-439
Sequence Length	467
Applicable Applications for anti-KAT8 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with HMOF/MYST1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of anti-HMOF/MYST1(C-term) Pab in K562 cell line lysates (35ug/lane). HMOF/MYST1(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KAT8 antibody	The MYST family of histone acetyltransferases, which includes MYST1, is named for the founding members MOZ (MYST3; MIM 601408), yeast YBF2 and SAS2, and TIP60 (HTATIP; MIM 601409). All members of this family contain a MYST region of about 240 amino acids with a canonical acetyl-CoA-binding site and a C2HC-type zinc finger motif. Most MYST proteins also have a chromodomain involved in protein-protein interactions and targeting transcriptional regulators to chromatin (Neal et al., 2000 [PubMed 10786633]).[supplied by OMIM].
References	Rea,S.,Oncogene 26 (37), 5385-5394 (2007) Pfister,S.,Int. J. Cancer 122 (6), 1207-1213 (2008) Gupta,A.,Mol. Cell. Biol. 28 (1), 397-409 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	226371636
NCBI GeneID	84148
NCBI Accession #	NP_115564.2; NP_892003.2
NCBI GenBank Nucleotide #	NM_032188.2
UniProt Accession #	Q9H7Z6; Q659G0; Q7LC17; Q8IY59; Q8WYB4; Q8WZ14; Q9HAC5; Q9NR35; A8K4Z1; G5E9P2
Molecular Weight	52403
NCBI Official Full Name	histone acetyltransferase KAT8 isoform 1
NCBI Official Synonym Full Names	K(lysine) acetyltransferase 8
NCBI Official Symbol	KAT8
NCBI Official Synonym Symbols	MOF; hMOF; MYST1; ZC2HC8
NCBI Protein Information	histone acetyltransferase KAT8
UniProt Protein Name	Histone acetyltransferase KAT8
UniProt Gene Name	KAT8
UniProt Synonym Gene Names	MOF; MYST1; MYST-1; hMOF
UniProt Entry Name	KAT8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmof-myst1-antibody-immunohistochemistry-western-blot-elisa/283911>