

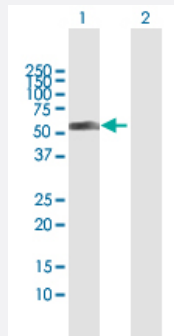
MaxPab®

MYST1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00084148-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MYST1 expression in transfected 293T cell line ([H00084148-T03](#)) by MYST1 MaxPab polyclonal antibody.

Lane 1: MYST1 transfected lysate(53.1 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MYST1 protein.
Immunogen	MYST1 (AAH37773.1, 1 a.a. ~ 467 a.a) full-length human protein.
Sequence	MAAQGAAAAVAAGTSGVAGEGEPGPGENAAAEGTAPSPGRVSPPTPARGEPEVTVEIGETYL RRPDSTWHS AEVIQSRVNDQEGREEFYVHYVGFNRRLDEWVDKNRLALTKTVKDAVQKNSEKYL SELAEQPERKITRNQKRKHDEINH VQKTYAEMDPTTALEKEHEAITKVKYVDKI HIGNYEIDAWYFS PPFEDYGKQPKLWLCEYCLKYMKYEKSYRFLGQCQWRQPPGKEIYRKSNISVYEVDGKDHKIYC QNLCLLAKLFLDHKTLYFDVEPFVFIYLT EVD RQGAHIVGYFSKEKESPDGNNVACILTPPYQRRG YGKFLIAFSYELSKLESTVGSPEKPLSDLGKLSYRSYWSWVLEILRDFRGTLSIKDLSQMTSITQN DIISTLQSLNMVKYWKQGHVICVTPKLVEEHLKSAQYKKPPITGGWGA AVC RGRWGSVSMWTGR SQGLLIAVT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — MYST1

Entrez GeneID
[84148](#)
GeneBank Accession#
[BC037773.1](#)
Protein Accession#
[AAH37773.1](#)
Gene Name

MYST1

Gene Alias

FLJ14040, KAT8, MOF, hMOF

Gene Description

MYST histone acetyltransferase 1

Omim ID
[609912](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

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]

Other Designations

histone acetyltransferase MYST1|ortholog of Drosophila males absent on the first (MOF)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)