

MYST2 Antibody

Catalog No: #33629

Package Size: #33629-1 50ul #33629-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

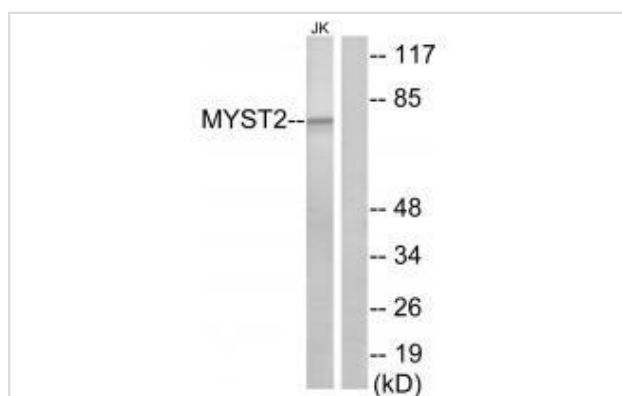
Product Name	MYST2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total MYST2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MYST2.
Target Name	MYST2
Other Names	EC 2.3.1.48; HBO1; HBOA; MYST histone acetyltransferase 2;
Accession No.	Swiss-Prot: O95251NCBI Gene ID: 11143
Uniprot	O95251
GeneID	11143;
SDS-PAGE MW	75kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

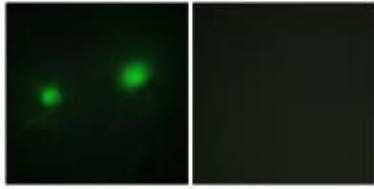
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from Jurkat cells, using MYST2 antibody #33629.

Immunofluorescence analysis of HUVEC cells, using MYST2 antibody #33629.



Background

Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Through chromatin acetylation it may regulate DNA replication and act as a coactivator of TP53-dependent transcription. Specifically represses AR-mediated transcription.

Iizuka M., J. Biol. Chem. 274:23027-23034(1999).

Sharma M., J. Biol. Chem. 275:35200-35208(2000).

Olsen J.V., Cell 127:635-648(2006).

Note: This product is for in vitro research use only