

Product Datasheet

MYST4 - histone acetyltransferase KAT6B GRP12197

Species/Host	Rabbit
Reactivity	Bovine
Predicted Reactivity	Black flying fox, Human (isoform 2,3), Mouse (isoform 2,3,4), Vampire bat
Tested Applications	IP, WB, IHC
Immunogen	KLH-conjugated synthetic peptide chosen from a bovine histone acetyltransferase MYST4 A7E390
Form/Appearance	Lyophilized in PBS pH 7.4
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Affinity purified serum
MW	230 kDa
Uniprot ID	A7E390
Dilution Range	1 : 1000 (IHC), 1 : 7500 (WB)
Application Notes	<p>Additional Information: Blocking used in IHC was done with 5% dry milk. Secondary antibody used: Fluorescein-conjugated goat anti-rabbit IgG (Molecular Probes) diluted 1:1000. Antibody has been used on extracts from bovine brain, thymus, muscle, lung, heart, liver, kidney and spleen. Background: MYST4 (KAT6B), EC=2.3.1.48, is a transcriptional coactivator with histone acetyltransferase activity. This protein is essential for normal mouse embryo development. Mouse mutants for MYST4 show craniofacial abnormalities, retards in post-natal development, defaults in the nervous system and neurogenique problems. Abnormal chromosomic reangements of MYST4 with the CBP gene is involved in acute myeloid leukaemia (AML)-M4. Furthermore, in the ovary and the testis of mammals, MYST4 is mainly localized in specialized cells involved in male and female gametogenesis. Alternative names: Histone acetyltransferase MOZ2, MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4, Monocytic leukemia zinc finger protein-related factor. Reconstitution: For reconstitution add 125 µl of sterile water.</p>