

## KAT1 Rabbit mAb

Catalog No: #52048

Package Size: #52048-1 50ul #52048-2 100ul

Orders: order@signalwayantibody.com

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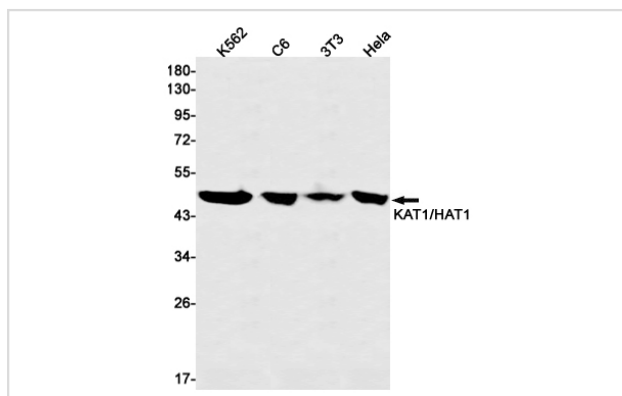
## Description

Product Name	KAT1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-3G4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human KAT1/HAT1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	hat1; KAT1;
Accession No.	Swiss-Prot:O14929GeneID:8520
Uniprot	O14929
GeneID	8520
Calculated MW	Calculated MW: 50 kDa; Observed MW: 45 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

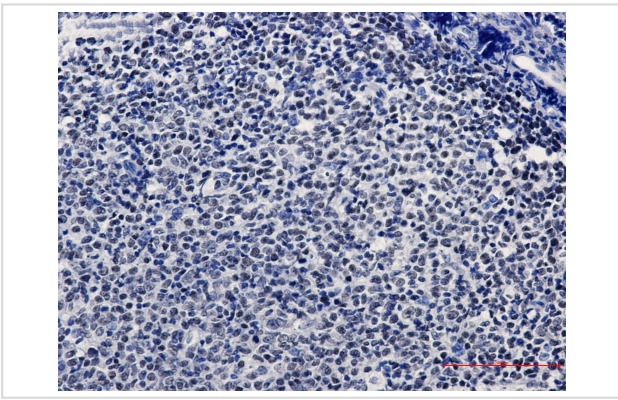
## Application Details

WB: 1/1000; IHC: 1/200;

## Images



Western blot detection of KAT1/HAT1 in K562,C6,3T3,HeLa cell lysates using KAT1/HAT1 Rabbit mAb(1:1000 diluted).Predicted band size:50kDa.Observed band size:45kDa.



Immunohistochemistry of KAT1/HAT1 in paraffin-embedded Human tonsil using KAT1/HAT1 Rabbit mAb at dilution 1/50

## Background

Swiss-Prot Acc.O14929.Histone acetyltransferase that plays a role in different biological processes including cell cycle progression, glucose metabolism, histone production or DNA damage repair (PubMed:31278053, PubMed:20953179, PubMed:23653357, PubMed:32081014).

Coordinates histone production and acetylation via H4 promoter binding (PubMed:31278053).

Acetylates histone H4 at 'Lys-5' (H4K5ac) and 'Lys-12' (H4K12ac) and, to a lesser extent, histone H2A at 'Lys-5' (H2AK5ac) (PubMed:22615379, PubMed:11585814).

Note: This product is for in vitro research use only