

Recombinant

DGRmAb®

**KAT1 (DGR19782) Rabbit mAb (PBS Only)**

db12046-PBS

Package : 100µg

**Product Name** : KAT1 (DGR19782) Rabbit mAb (PBS Only)**Cat.No.:** db12046-PBS**Synonyms** : KAT1**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a type B histone acetyltransferase (HAT) that is involved in the rapid acetylation of newly synthesized cytoplasmic histones, which are in turn imported into the nucleus for de novo deposition onto nascent DNA chains. Histone acetylation, particularly of histone H4, plays an important role in replication-dependent chromatin assembly. Specifically, this HAT can acetylate soluble but not nucleosomal histone H4 at lysines 5 and 12, and to a lesser degree, histone H2A at lysine 5. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jun 2009]

**Immunogen**

Recombinant protein of human KAT1

**Gene ID**

8520

**Swiss Prot**

O14929

**Synonyms**

KAT1

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

IHC-P: 1:200-1:500

ICC/IF: 1:200-1:500

FC: 1:100

IP: 1:50

**Calculated MW**

50 kDa

**Observed MW**

45 kDa

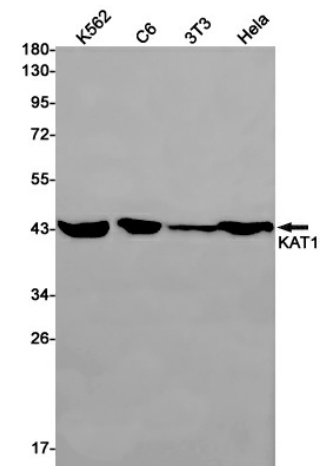
**Host species**

Rabbit

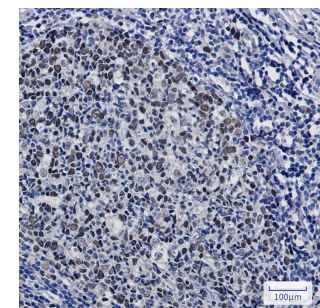
**Clonality**

Monoclonal

Clonality No.	DGR19782
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of KAT1 in K562,C6,3T3,HeLa cell lysates using KAT1 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using [db12046](#)