

## KAT7

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**71kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human KAT7

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

1 mg/ml

**Synonym:**

HBO1; HBOA; MYST2; ZC2HC7;

**Catalog #:**A5823

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**11143

**Isotype:**IgG

**Swiss Prot:**O95251

**Purity:**Affinity purification

For research use only.

**Background:**

MYST2, also named as HBO1, HBOA MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2, belongs to the MYST (SAS/MOZ) family. It specifically represses AR mediated transcription. MYST2 is a candidate oncogene. It enhances the anchorage-independent growth of breast cancer cells.(PMID:19372580) MYST2 is a histone acetyltransferase (HAT) which could exert oncogenic function in breast cancer. It is an important downstream molecule of ERa, and ERK1/2 signaling pathway may involved in the expression of HBO1 increased by E2.

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