

## Product datasheet for **TA368599**

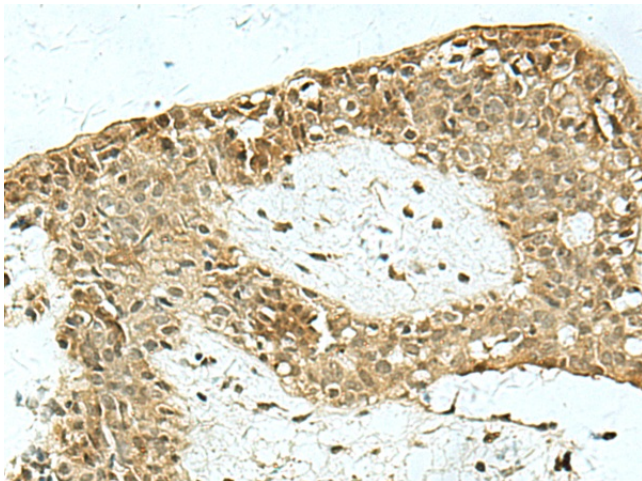
### **KAT7 Rabbit Polyclonal Antibody**

#### **Product data:**

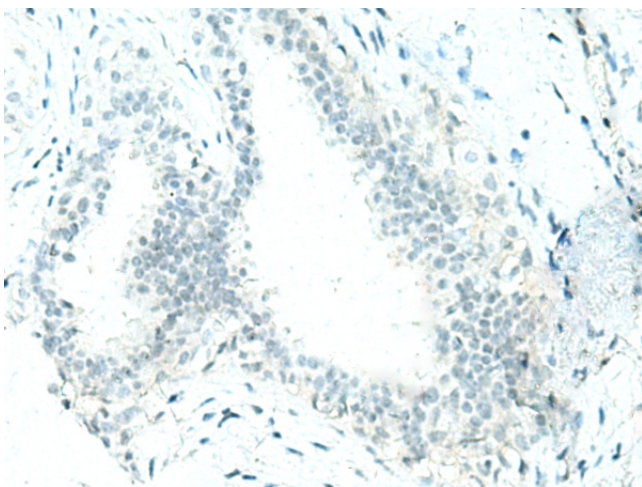
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-300 Positive control: Human breast cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human KAT7
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	lysine acetyltransferase 7
Database Link:	<a href="#">Entrez Gene 11143 Human O95251</a>
Background:	The protein encoded by this gene is part of the multimeric HBO1 complex, which possesses histone H4-specific acetyltransferase activity. This activity is required for functional replication origins and is involved in transcriptional activation of some genes. In both cases, the acetylation of histone H4 helps unfold chromatin so that the DNA can be accessed and replicated or transcribed.
Synonyms:	HBO1; HBOA; MYST2; ZC2HC7



[View online »](#)

**Product images:**

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA368599 (KAT7 Antibody) at dilution 1/55 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA368599 (KAT7 Antibody) at dilution 1/55, treated with synthetic peptide. (Original magnification:  $\times 200$ )