

Anti-TAF1/Kat4 Antibody

Catalog Number: A02151-1

About TAF1

Largest component and core scaffold of the TFIID basal transcription factor complex. Contains novel N- and C-terminal Ser/Thr kinase domains which can autophosphorylate or transphosphorylate other transcription factors. Phosphorylates TP53 on 'Thr-55' which leads to MDM2-mediated degradation of TP53. Phosphorylates GTF2A1 and GTF2F1 on Ser residues. Possesses DNA-binding activity. Essential for progression of the G1 phase of the cell cycle. Exhibits histone acetyltransferase activity towards histones H3 and H4.

Sekiguchi T., Mol. Cell. Biol. 11:3317-3325(1991).

Ruppert S., Nature 362:175-179(1993).

Nolte D., Proc. Natl. Acad. Sci. U.S.A. 100:10347-10352(2003).

Overview

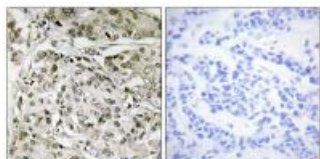
Product Name	Anti-TAF1/Kat4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-TAF1/Kat4 Antibody (Catalog # A02151-1). Tested in IHC applications. This antibody reacts with Human, Mouse.
Application	IHC
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P21675

Technical Details

Immunogen	Synthesized peptide derived from internal of human TAF1.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Immunohistochemistry: 1:50~1:100

Anti-TAF1/Kat4 Antibody (A02151-1) Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TAF1 antibody A02151-1.

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