

Anti-TAF2 Antibody (C-Term)

Catalog Number: A08375-1

About TAF2

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes one of the larger subunits of TFIID that is stably associated with the TFIID complex. It contributes to interactions at and downstream of the transcription initiation site, interactions that help determine transcription complex response to activators.

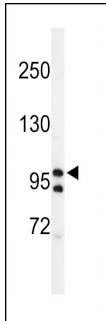
Overview

Product Name	Anti-TAF2 Antibody (C-Term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-TAF2 Antibody (C-Term) (Catalog # A08375-1). Tested in WB, Flow Cytometry, IHC-P application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q6P1X5

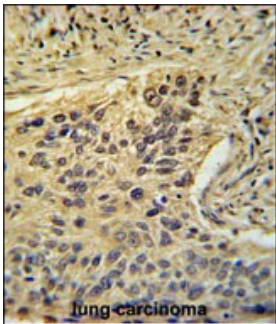
Technical Details

Immunogen	This TAF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1152-1180 amino acids from the C-terminal region of human TAF2.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IHC-P: 1:50-1:100 FC: 1:10-1:50

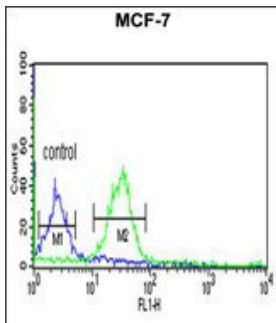
Anti-TAF2 Antibody (C-Term) (A08375-1) Images



Western blot analysis of lysates from HT-29, Jurkat, KG-1, PC-3 cell line (from left to right), using TAF2 Antibody (C-Term). A08375-1 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



TAF2 Antibody (C-Term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TAF2 Antibody (C-Term) for immunohistochemistry. Clinical relevance has not been evaluated.



TAF2 Antibody (C-Term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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Anti-TAF2 Antibody (C-Term)

For Research Use Only. Not for use in diagnostic procedures.