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Datasheet for ABIN653923  
**anti-TAF2 antibody (C-Term)**

3 Images

### Overview

Quantity:	400 µL
Target:	TAF2
Binding Specificity:	AA 1152-1180, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAF2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product 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.
Clone:	RB23821
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	TAF2
Alternative Name:	TAF2 ( <a href="#">TAF2 Products</a> )

## Target Details

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**Background:** 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.

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**Molecular Weight:** 136971

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**Gene ID:** 6873

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**NCBI Accession:** [NP\\_003175](#)

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**UniProt:** [Q6P1X5](#)

## Application Details

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**Application Notes:** WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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**Preservative:** Sodium azide

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**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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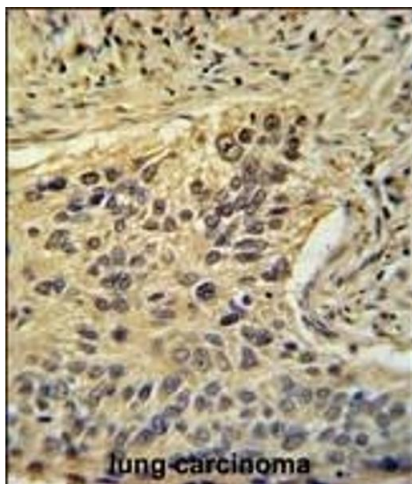
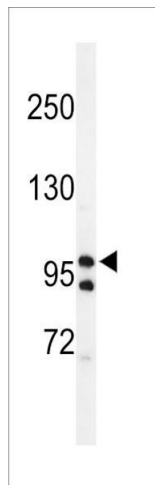
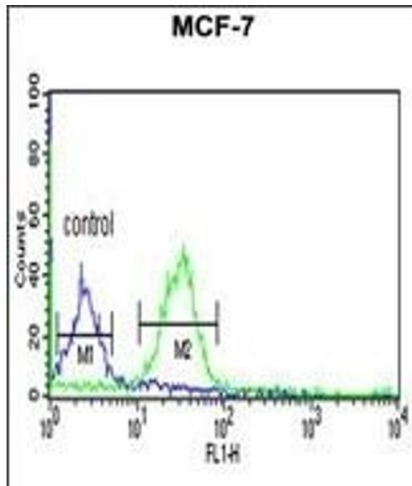
**Storage:** 4 °C,-20 °C

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**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

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**Expiry Date:** 6 months



### Flow Cytometry

**Image 1.** TAF2 Antibody (C-Term) (ABIN653923 and ABIN2843157) 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.

### Western Blotting

**Image 2.** Western blot analysis of lysates from HT-29, Jurkat, KG-1, PC-3 cell line (from left to right), using TAF2 Antibody (C-Term) (ABIN653923 and ABIN2843157). (ABIN653923 and ABIN2843157) 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 35 µg per lane.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** TAF2 Antibody (C-Term) (ABIN653923 and ABIN2843157) 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.