

Datasheet for ABIN955066
anti-TAF2 antibody (C-Term)



[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	TAF2
Binding Specificity:	AA 1159-1188, 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)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 1159~1188 amino acids from the C-terminal region of human TAF2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to TAF2.
Cross-Reactivity (Details):	Species reactivity (tested):Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	TAF2
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Target Details

Alternative Name:	TAF2 (TAF2 Products)
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.Synonyms: 150 kDa cofactor of initiator function, CIF150, RNA polymerase II TBP-associated factor subunit B, TAF2B, TAFII-150, TAFII150, TBP-associated factor 150 kDa, Transcription initiation factor TFIID subunit 2

Molecular Weight:	136971 Da
Gene ID:	6873
NCBI Accession:	NP_003175

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

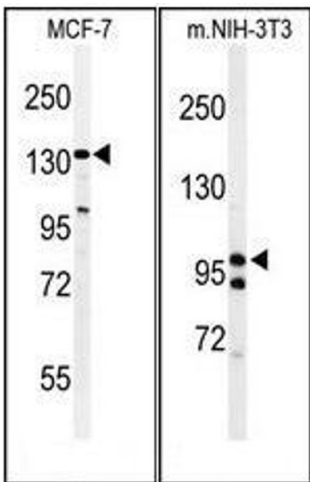
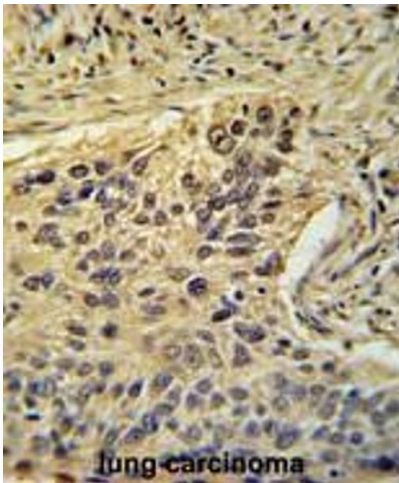
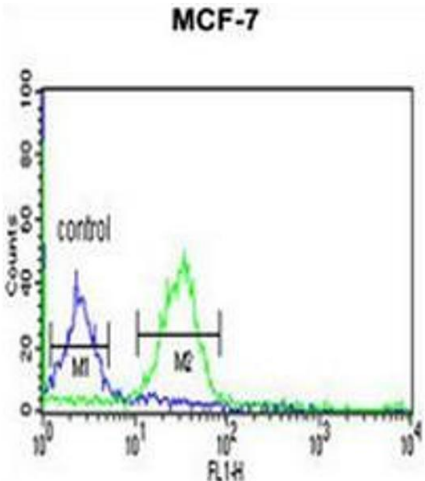
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Flow Cytometry

Image 1. 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.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. 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.

Western Blotting

Image 3. (LEFT) Western blot analysis of TAF2 Antibody (C-Term) in MCF-7 cell line lysates (35µg/lane). TAF2 (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of TAF2 Antibody (C-Term) in mouse NIH-3T3 cell line lysates (35µg/lane). TAF2 (arrow) was detected using the purified Pab.