Datasheet for ABIN7600542

# anti-TAF8 antibody (AA 20-310)

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | TAF8 |
| Binding Specificity: | AA 20-310 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TAF8 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC) |

## Product Details

| | |
|---|---|
| Purpose: | Anti-TAF8/TBN Antibody Picoband® |
| Immunogen: | E.coli-derived human TAF8/TBN recombinant protein (Position: K20-S310). |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins. |
| Characteristics: | Anti-TAF8/TBN Antibody Picoband® (ABIN7600542). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Purification: | Immunogen affinity purified. |

## Target Details

| | |
|---|---|
| Target: | TAF8 |
| Alternative Name: | TAF8 (TAF8 Products) |
| Background: | Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7<br>Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary.<br>Background: Transcription initiation factor TFIID subunit 8 is a protein that in humans is encoded by the TAF8 gene. This gene encodes one of several TATA-binding protein (TBP)-associated factors (TAFs), which are integral subunits of the general transcription factor complex TFIID. TFIID recognizes the core promoter of many genes and nucleates the assembly of a transcription preinitiation complex containing RNA polymerase II and other initiation factors. The protein encoded by this gene contains an H4-like histone fold domain, and interacts with several subunits of TFIID including TBP and the histone-fold protein TAF10. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. |
| Molecular Weight: | 34 kDa |
| Gene ID: | 129685 |
| UniProt: | Q7Z7C8 |
| Pathways: | Maintenance of Protein Location |

## Application Details

| | |
|---|---|
| Application Notes: | Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat<br>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human<br>Flow Cytometry (Fixed), 1-3 µg/1x$10^6$ cells, Human<br>ELISA, 0.1-0.5 µg/mL, -<br>1. Bieniossek, C., Papai, G., Schaffitzel, C., Garzoni, F., Chaillet, M., Scheer, E., Papadopoulos, P., Tora, L., Schultz, P., Berger, I. The architecture of human general transcription factor TFIID core complex. Nature 493: 699-702, 2013. 2. Guermah, M., Ge, K., Chiang, C.-M., Roeder, R. G. The TBN protein, which is essential for early embryonic mouse development, is an inducible TAFII implicated in adipogenesis. Molec. Cell 12: 991-1001, 2003. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Lyophilized |
| Reconstitution: | Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |
| Buffer: | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.<br>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing. |