

Datasheet for ABIN2792590
anti-TAF1A antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	TAF1A
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Horse, Pig, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAF1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TAF1A
Sequence:	CEKAFVAGLL LGKGCRYFRY ILKQDHQILG KKIKRMRKRSV KKYSIVNPRL
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 78%, Dog: 85%, Horse: 85%, Human: 100%, Mouse: 85%, Pig: 85%, Rabbit: 85%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against TAF1A. It was validated on Western Blot using a cell lysate as a positive control.

Target Details

Target:	TAF1A
Alternative Name:	TAF1A (TAF1A Products)

Target Details

Background:	<p>Initiation of transcription by RNA polymerase I requires the formation of a complex composed of the TATA-binding protein (TBP) and three TBP-associated factors (TAFs) specific for RNA polymerase I. This complex, known as SL1, binds to the core promoter of ribosomal RNA genes to position the polymerase properly and acts as a channel for regulatory signals. TAF1A encodes the smallest SL1-specific TAF.</p> <p>Alias Symbols: SL1, RAFI48, TAFI48, MGC:17061</p> <p>Protein Interaction Partner: C11orf57, JMJD6, TBP, Taf1c, Taf1b, BKRF1, UBC, TAF12, TAF1D, HIST1H4A, HIST1H3A, HIST2H2BE, HIST2H2AC, ESR1, SET, TAF1A, RUNX2, TP53, CD3EAP, HIST4H4, HIST3H3, ANP32A, UBTF, RRN3, MYC,</p> <p>Protein Size: 336</p>
Molecular Weight:	40 kDa
Gene ID:	9015
NCBI Accession:	NM_139352 , NP_647603
UniProt:	Q9NWA1

Application Details

Application Notes:	<p>WB Suggested Anti-TAF1A Antibody Titration: 0.2-1 µg/mL</p> <p>Positive Control: Jurkat cell lysate.</p> <p>Optimal working dilutions should be determined experimentally by the investigator.</p>
Comment:	Antigen size: 336 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.

Handling

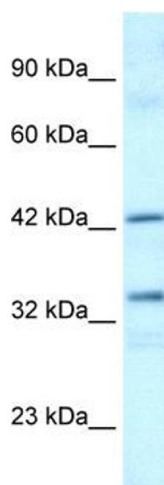
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Moon, Kim, Cho: "A nanowire-based label-free immunosensor: direct incorporation of a PSA antibody in electropolymerized polypyrrole." in: **Biosensors & bioelectronics**, Vol. 57, pp. 157-61, (2014) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TAF1A Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

Image 2. Human Heart

Rabbit Anti-TAF1A Antibody
Catalog Number: P100802
Lot Number: QC0802
Paraffin Embedded Tissue: Human Heart
Cells with Positive label: Myocardial cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X