Datasheet for ABIN2779727

anti-TAF5L antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	TAF5L
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Guinea Pig, Horse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAF5L antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TAF5L
Sequence:	LTDSDSQHSH EVMPLLYPLF VYLHLNLVQN SPKSTVESFY SRFHGMFLQN
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against TAF5L. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	TAF5L

Target Details

Alternative Name:	TAF5L (TAF5L 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. TAF5L encodes a protein that is a component of the PCAF histone acetylase complex and structurally similar to one of the histone-like TAFs, TAF5. The PCAF histone acetylase complex, which is composed of more than 20 polypeptides some of which are TAFs, is required for myogenic transcription and differentiation. Alias Symbols: PAF65B Protein Interaction Partner: HECW2, UBC, KAT2B, LSM11, TADA3, TAF10, ELAVL1, TSC22D1, TTR, H2AFX, CDKN1A, ANXA7, KAT2A, TP53, ATXN7, CEBPE, USP22, ATXN7L3, SUPT3H, TAF9, MYC, Protein Size: 589
Molecular Weight:	66 kDa
Gene ID:	27097
NCBI Accession:	NM_014409, NP_055224
UniProt:	O75529

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 589 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 %

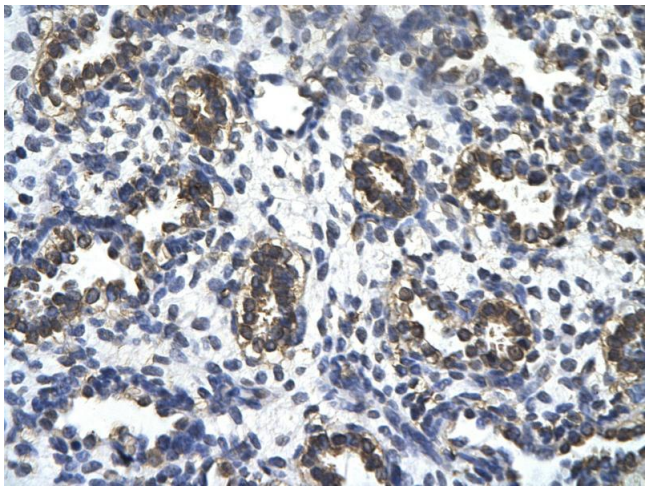
Handling

	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.
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.

Images

Western Blotting

Image 1. WB Suggested Anti-TAF5L Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate TAF5L is supported by BioGPS gene expression data to be expressed in Jurkat



Immunohistochemistry

Image 2. Rabbit Anti-TAF5L Antibody Paraffin Embedded Tissue: Human alveolar cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X