

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TAF5L in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant human TAF1 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human TAF5L Met1-Tyr189 Accession # O75529
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

TAF5L (TBP-Associated Factors 5-Like; also RNA polymerase II p300-associated factor 65 kDa subunit 5L, PACF65β, PAF65β and STAF65β) is a 64-66 kDa member of the TAF5 family of proteins. It is a nuclear protein that forms part of the PCAF, STAGA and TFTC histone acetylase complexes. The acetylases within these complexes acetylate histone H3 within nucleosomes, allowing for the recognition and binding of transcriptional activators. Human TAF5L is 589 amino acids (aa) in length. It contains an N-terminal homodimerization interface (aa 90-198) plus six consecutive WD repeats (aa 266-547). There is one potential splice form that shows a Val substitution for aa 325-589. Over aa 1-189, human TAF5L shares 94% aa identity with mouse TAF5L.

PRODUCT SPECIFIC NOTICES

This product is provided under an agreement between Life Technologies Corporation and R&D Systems, Inc, and the manufacture, use, sale or import of this product is subject to one or more US patents and corresponding non-US equivalents, owned by Life Technologies Corporation and its affiliates. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components (1) in manufacturing; (2) to provide a service, information, or data to an unaffiliated third party for payment; (3) for therapeutic, diagnostic or prophylactic purposes; (4) to resell, sell, or otherwise transfer this product or its components to any third party, or for any other commercial purpose. Life Technologies Corporation will not assert a claim against the buyer of the infringement of the above patents based on the manufacture, use or sale of a commercial product developed in research by the buyer in which this product or its components was employed, provided that neither this product nor any of its components was used in the manufacture of such product. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, Cell Analysis Business Unit, Business Development, 29851 Willow Creek Road, Eugene, OR 97402, Tel: (541) 465-8300. Fax: (541) 335-0354.