

DESCRIPTION

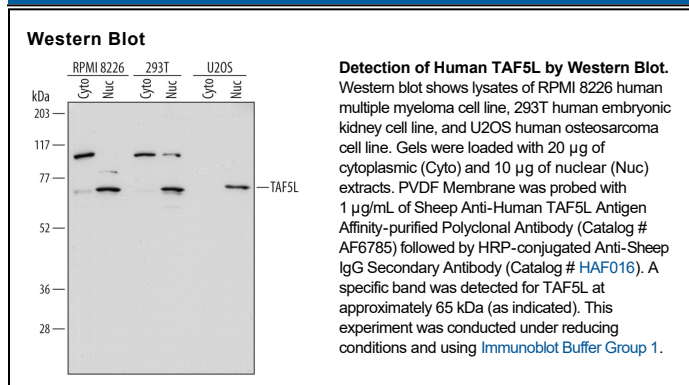
Species Reactivity	Human
Specificity	Detects human TAF5L in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant human TAF1 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human TAF5L Met1-Tyr189 Accession # O75529
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Sterile PBS to a final concentration of 0.2 mg/mL.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.