

Rabbit anti-Human TAF4B Polyclonal Antibody | anti-TAF4B antibody

Anti-TAF4B Antibody, Rabbit Polyclonal

CATALOG # AAA256754	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry
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PRODUCT SYNONYMS

TAF4B; Polyclonal Antibody; Anti-TAF4B Antibody; Rabbit Polyclonal; TAF4B Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-TAF2C2 Antibody; Anti-TAFII105 Antibody; anti-TAF4B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TAF4B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TAF4B antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TAF4B fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TAF4B fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of TAF4B in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human TAF4B polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human TAF4B in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human TAF4B in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TAF4B antibody	TAF4b is a subunit of the TFIID complex that is highly expressed in the ovary and testis and required for mouse fertility. TAF4b-deficient male mice undergo a complex series of developmental defects that result in the inability to maintain long-term spermatogenesis. TAF4b deficiency in adult female mouse models results in hallmarks of primary ovarian insufficiency (POI) including stereotyped gonadotropin alterations indicative of early menopause, poor oocyte quality, and infertility. TAF4b has a central role in transcription by polymerase II, is involved in promoter recognition by selective recruitment of activators. The activating protein-1 (AP-1) family members participate in oncogenic transformation via gene regulation. TAF4b is highly expressed in embryonic stem cells (ESC) and is down-regulated upon differentiation.
References	Gustafson EA, et al. (2020) Zfp628 is a taf4b-interacting transcription factor required for mouse spermiogenesis. Mol Cell Biol 40 (7): e00228-19.Grive KJ, et al. (2016) Taf4b regulates oocyte-specific genes essential for meiosis. PLoS Genet 12 (6): e1006128.Grive KJ, et al. (2014) Taf4b promotes mouse primordial follicle assembly and oocyte survival. Dev Biol 392 (1): 42-51.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/taf4b-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256754>