

DATASHEET

TFIIF RAP 30 Rabbit Polyclonal Antibody

CAT. NO. APA12807

KEY FEATURES

| | | | |
|---------------|---|---------------|---------------------|
| Target | TFIIF RAP 30 | Source / Host | Rabbit |
| Reactivity | Human, Mouse, Rat | Clonality | Polyclonal |
| Applications | WB, IF/ICC | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at -20°C |

BACKGROUND

TFIIF is a general transcription initiation factor that binds to RNA polymerase II and helps to recruit it to the initiation complex in collaboration with TFIIB.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|--------|----------------|
| WB | 1:500 - 1:1000 |
| IF/ICC | 1:50 - 1:200 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

| | |
|-------------------|--|
| Description | Rabbit polyclonal antibody to TFIIF RAP 30 |
| Specificity | Recognizes endogenous levels of TFIIF RAP 30 protein. |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human TFIIF RAP 30 |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 28 kD; Observed: 28 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | RAP30; General transcription factor IIF subunit 2; ATP-dependent helicase GTF2F2; General transcription factor IIF 30 kDa subunit; Transcription initiation factor IIF subunit beta; TFIIF-beta; Transcription initiation factor RAP30 |
| Gene Symbol | GTF2F2 |
| Entrez Gene | 2963(Human); 68705(Mouse) |
| SwissProt | P13984(Human); Q8R0A0(Mouse); Q01750(Rat) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

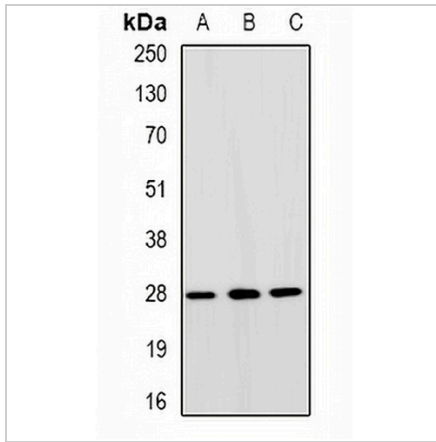
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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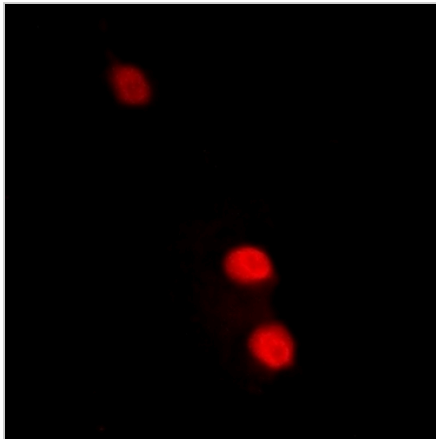
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DATA



Western blot analysis of TFIIF RAP 30 expression in SW480 (A), HepG2 (B), A549 (C) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 28 kD)



Immunofluorescent analysis of TFIIF RAP 30 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.