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Datasheet for ABIN7468367 **anti-GTF2A1 antibody**

Overview

Quantity:	100 µL
Target:	GTF2A1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTF2A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GTF2A1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	GTF2A1
Alternative Name:	general transcription factor IIA subunit 1 (GTF2A1 Products)
Background:	Synonyms: general transcription factor IIA subunit 1 , TF2A1 , TFIIA , TFIIA-42 , TFIIAL Background: Accurate transcription initiation on TATA-containing class II genes involves the

Target Details

ordered assembly of RNA polymerase II (POLR2A, MIM 180660) and several general initiation factors (summarized by DeJong and Roeder, 1993 [PubMed 8224848]). One of these factors is TFIIA, which when purified from HeLa extracts consists of 35-, 19-, and 12-kD subunits.[supplied by OMIM]

Molecular Weight: 42 kDa

Gene ID: 2957

UniProt: [P52655](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , HeLa

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.