

Datasheet for ABIN930961  
**anti-GTF2H2 antibody**



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1 Image

## Overview

|              |                                       |
|--------------|---------------------------------------|
| Quantity:    | 100 µg                                |
| Target:      | GTF2H2                                |
| Reactivity:  | Human                                 |
| Host:        | Mouse                                 |
| Clonality:   | Monoclonal                            |
| Conjugate:   | This GTF2H2 antibody is un-conjugated |
| Application: | Dot Blot (DB)                         |

## Product Details

|                             |   |
|-----------------------------|---|
| Immunogen:                  | GTF2 H2 antibody was raised in mouse using recombinant Human General Transcription Factor Iih, Polypeptide 2, 42 da |
| Clone:                      | GTF2F6A10   |
| Isotype:                    | IgG1  |
| Cross-Reactivity:           | Human   |
| Cross-Reactivity (Details): | Other species not studied.  |
| Purification:               | Protein G affinity chromatography   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | GTF2H2                                     |
| Alternative Name: | GTF2H2 ( <a href="#">GTF2H2 Products</a> ) |

## Target Details

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**Background:** This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. This gene is within the telomeric copy of the duplication. Deletion of this gene sometimes accompanies deletion of the neighboring SMN1 gene in spinal muscular atrophy (SMA) patients but it is unclear if deletion of this gene contributes to the SMA phenotype. This gene encodes the 44 kDa subunit of RNA polymerase II transcription initiation factor IIH which is involved in basal transcription and nucleotide excision repair. Synonyms: Monoclonal GTF2H2 antibody, Anti-GTF2H2 antibody, General transcription factor IIH subunit 2 antibody, BTF2 antibody, TFIIH antibody, BTF2P44 antibody, T-BTF2P44 antibody.

**Pathways:** [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

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**Application Notes:** Optimal conditions should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Concentration:** Lot specific

**Buffer:** GTF2 H2 antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub> O<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub> P<sub>04</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

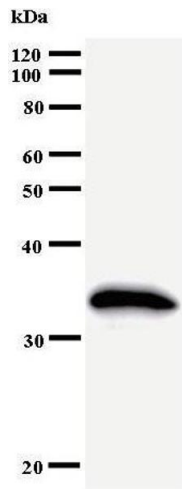
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



### Western Blotting

Image 1.