

Datasheet for ABIN2792028
anti-GTF2H2C antibody (N-Term)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	GTF2H2C
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTF2H2C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of human GTF2H2
Sequence:	HLVYVVVDGSR TMEDQDLKPN RLTCTLKLLE YFVEEYFDQN PISQIGIIVT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against GTF2H2C. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GTF2H2C
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Target Details

Alternative Name:	GTF2H2C (GTF2H2C Products)
Background:	<p>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. Transcript variants for this gene have been described, but their full length nature has not been determined. A second copy of this gene within the centromeric copy of the duplication has been described in the literature. It is reported to be different by either two or four base pairs, however, no sequence data is currently available for the centromeric copy of the gene.</p> <p>Alias Symbols: p44, BTF2, TFIIH, BTF2P44, T-BTF2P44</p> <p>Protein Size: 338</p>
Molecular Weight:	37 kDa
Gene ID:	2966
NCBI Accession:	NM_001515 , NP_001506
UniProt:	Q13888

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

