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GTF2I Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant GTF2I.
Catalog # AT2290a

Specification

GTF2I Antibody (monoclonal) (M02) - Product Information

Application	**IF, WB, E**
Primary Accession	P78347
Other Accession	BC004472
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**112416**

GTF2I Antibody (monoclonal) (M02) - Additional Information

Gene ID 2969

Other Names
General transcription factor II-I, GTFII-I, TFII-I, Bruton tyrosine kinase-associated protein 135, BAP-135, BTK-associated protein 135, SRF-Phox1-interacting protein, SPIN, Williams-Beuren syndrome chromosomal region 6 protein, GTF2I, BAP135, WBSCR6

Target/Specificity
GTF2I (AAH04472.1, 36 a.a. ~ 274 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
GTF2I Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

GTF2I Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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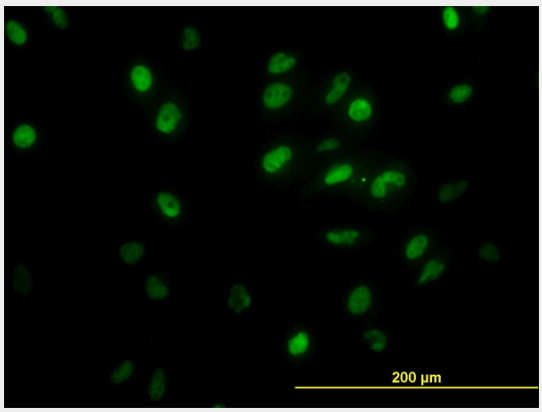
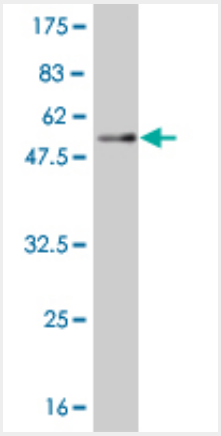
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

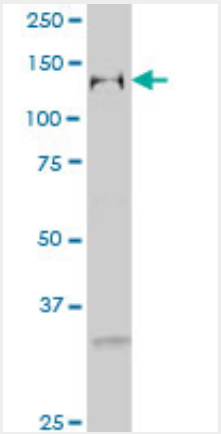
GTF2I Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to GTF2I on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (52.03 KDa) .



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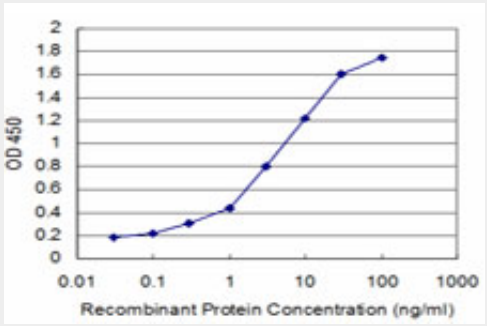
GTF2I monoclonal antibody (M02), clone 2D6 Western Blot analysis of GTF2I expression in Hela S3 NE ((Cat # AT2290a)



Detection limit for recombinant GST tagged GTF2I is approximately 0.1ng/ml as a capture antibody.

GTF2I Antibody (monoclonal) (M02) - Background

This gene encodes a multifunctional phosphoprotein with roles in transcription and signal transduction. It is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 7, 13 and 21.

GTF2I Antibody (monoclonal) (M02) - References

Partial 7q11.23 deletions further implicate GTF2I and GTF2IRD1 as the main genes responsible for the Williams-Beuren syndrome neurocognitive profile. Antonell A, et al. J Med Genet, 2010 May. PMID 19897463.Williams-Beuren syndrome-associated transcription factor TFII-I regulates osteogenic marker genes. Lazebnik MB, et al. J Biol Chem, 2009 Dec 25. PMID 19880526.Characterization of a novel interaction between transcription factor TFII-I and the inducible tyrosine kinase in T cells. Sacrist?n C, et al. Eur J Immunol, 2009 Sep. PMID 19701889.Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.Phase specific functions of the transcription factor TFII-I during cell cycle. Ashworth T, et al. Cell Cycle, 2009 Feb 15. PMID 19182516.