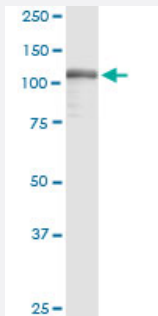


GTF2I monoclonal antibody (M01), clone 3E2

Catalog # H00002969-M01

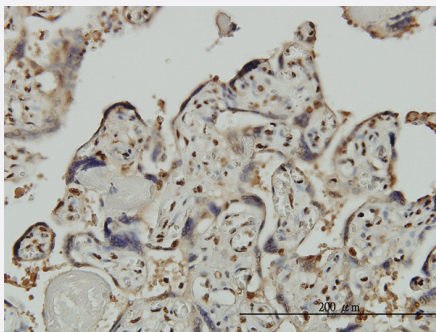
Size 100 ug

Applications



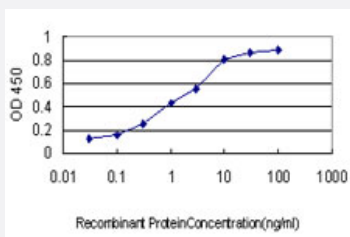
Western Blot (Tissue lysate)

GTF2I monoclonal antibody (M01), clone 3E2. Western Blot analysis of GTF2I expression in human colon.



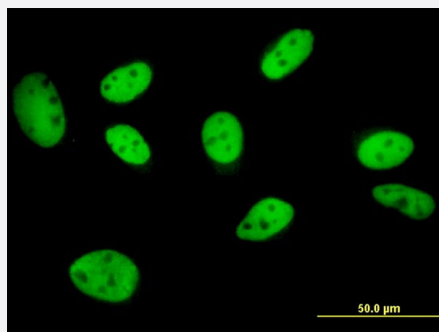
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GTF2I on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



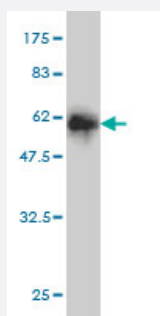
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GTF2I is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (52.03 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant GTF2I.
Immunogen	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.
Sequence	ELAKSKAEVACIAVYETDVFVVGTERGRAFVNTRKDFQKDFVKYCVVEEEEKAAEMHKMKSTTQA NRMSVDAVEIETLRKTVEDYFCFCYGKALGKSTVVPVPYEKMLRDQSAVVVQGLPEGVAFKHPE NYDLATLKWILENKAGISFIKRPFLPKKHVGGGRVMVTDADRSILSPGGSCGPIKVKTEPTEDSGIS LEMAAVTVKEESEDPDYYQNIQGS SHSSEGNEGTEMEVPAEG
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.03 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

GTF2I monoclonal antibody (M01), clone 3E2. Western Blot analysis of GTF2I expression in human colon.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GTF2I on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GTF2I is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — GTF2I

Entrez GeneID [2969](#)

GeneBank Accession# [BC004472](#)

Protein Accession# [AAH04472.1](#)

Gene Name GTF2I

Gene Alias BAP-135, BAP135, BTKAP1, DIWS, FLJ38776, FLJ56355, IB291, SPIN, TFIH, WBS, WBSCR6

Gene Description general transcription factor II, i

Omim ID [194050 601679](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

BTK-associated protein, 135kD|Bruton tyrosine kinase-associated protein 135|Williams-Beuren syndrome chromosome region 6

Publication Reference

- [An SNP in an ultraconserved regulatory element affects Dlx5/Dlx6 regulation in the forebrain.](#)

Poitras L, Yu M, Lesage-Pelletier C, Macdonald RB, Gagne JP, Hatch G, Kelly I, Hamilton SP, Rubenstein JL, Poirier GG, Ekker M.

Development 2010 Sep; 137(18):3089.

Application: IHC, WB, Mouse, Brain

Pathway

- [Basal transcription factors](#)