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TCF3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TCF3.
Catalog # AT4186a

Product Information

Application	WB, E
Primary Accession	P15923
Other Accession	NM_003200
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	5G2
Calculated MW	67600

Additional Information

Gene ID	6929
Other Names	Transcription factor E2-alpha, Class B basic helix-loop-helix protein 21, bHLHb21, Immunoglobulin enhancer-binding factor E12/E47, Immunoglobulin transcription factor 1, Kappa-E2-binding factor, Transcription factor 3, TCF-3, Transcription factor ITF-1, TCF3, BHLHB21, E2A, ITF1
Target/Specificity	TCF3 (NP_003191, 545 a.a. ~ 654 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
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	TCF3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

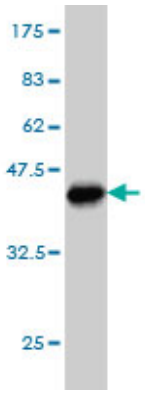
The TCF3 gene, also called E2A, encodes 2 basic helix-loop-helix (bHLH) transcription factors, E12 and E47, through alternative splicing. E12 and E47 are involved in regulation of immunoglobulin gene expression (Bain et al., 1994 [PubMed 8001125]).

References

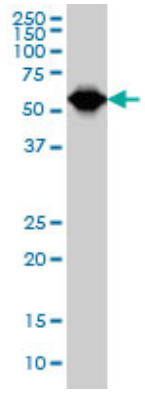
1.Synaptic Cross-talk between N-Methyl-D-aspartate Receptors and LAPSER1-{beta}-Catenin at Excitatory

Synapses.Schmeisser MJ, Grabrucker AM, Bockmann J, Boeckers TM.J Biol Chem. 2009 Oct 16;284(42):29146-57. Epub 2009 Aug 24.

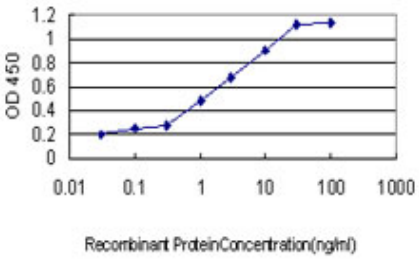
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



TCF3 monoclonal antibody (M01), clone 5G2 Western Blot analysis of TCF3 expression in Hela S3 NE ((Cat # AT4186a)



Detection limit for recombinant GST tagged TCF3 is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.