

ZBTB38 antibody

Product Information

Catalog No.:	FNab09593
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Transcriptional regulator with bimodal DNA-binding specificity. Binds with a higher affinity to methylated CpG dinucleotides in the consensus sequence 5'-CGCG-3' but can also bind to E-box elements(5'-CACGTG-3'). Can also bind specifically to a single methyl-CpG pair. Represses transcription in a methyl-CpG-dependent manner(PubMed:16354688). Plays an important role in regulating DNA replication and common fragile sites(CFS) stability in a RBBP6-and MCM10-dependent manner; represses expression of MCM10 which plays an important role in DNA-replication(PubMed:24726359). Acts as a transcriptional activator. May be involved in the differentiation and/or survival of late postmitotic neurons(By similarity).

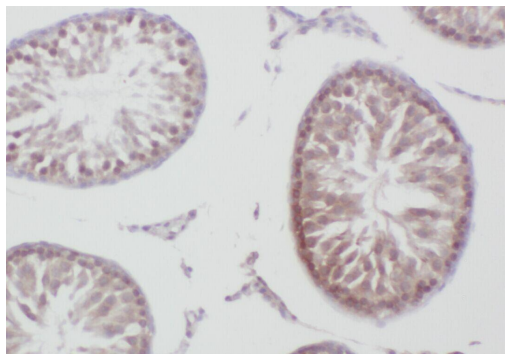
Immunogen information

Immunogen:	zinc finger and BTB domain containing 38
Synonyms:	Zinc finger and BTB domain-containing protein 38 ZBTB38
Observed MW:	134 kDa
Uniprot ID :	Q8NAP3

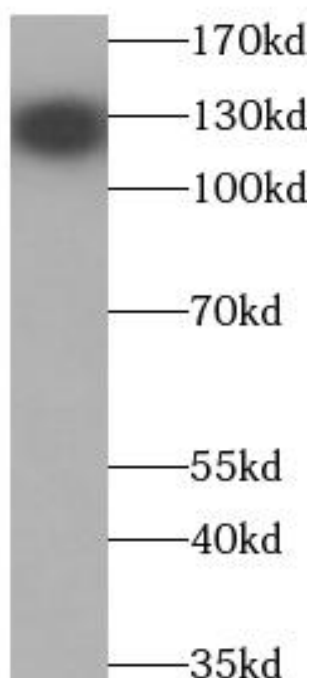
Application

Reactivity:	Human
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:5000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab09593(ZBTB38 antibody) at dilution of 1:50



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab09593(ZBTB38 antibody) at dilution of 1:1000