

ZBTB38 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55206

Specification

ZBTB38 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8NAP3
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	134257

ZBTB38 Polyclonal Antibody - Additional Information

Gene ID 253461

Other Names

Zinc finger and BTB domain-containing protein 38, ZBTB38 ([HGNC:26636](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=26636))

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ZBTB38 Polyclonal Antibody - Protein Information

Name ZBTB38 ([HGNC:26636](#))

Function

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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/24726359)). Acts as a transcriptional activator. May be involved in the differentiation and/or survival of late postmitotic neurons (By similarity).

Cellular Location

Nucleus. Chromosome. Note=Localizes to chromocenters

ZBTB38 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZBTB38 Polyclonal Antibody - Images