

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 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=26636)
target="_blank">HGNC:26636)

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

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). 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).

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