

ZBTB38 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55206

Product Information

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

Additional Information

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|-------------|---|
| Gene ID | 253461 |
| Other Names | Zinc finger and BTB domain-containing protein 38, ZBTB38 (HGNC:26636) |
| Dilution | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| 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. |

Protein Information

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|-------------------|---|
| 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 |

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