

# ZBTB38 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55206

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q8NAP3</a>
<b>Reactivity</b>	Rat, Pig
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	134257

## Additional Information

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<b>Gene ID</b>	253461
<b>Other Names</b>	Zinc finger and BTB domain-containing protein 38, ZBTB38 ( <a href="#">HGNC:26636</a> )
<b>Dilution</b>	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
<b>Storage</b>	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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<b>Name</b>	ZBTB38 ( <a href="#">HGNC:26636</a> )
<b>Function</b>	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: <a href="#">16354688</a> ). 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: <a href="#">24726359</a> ). Acts as a transcriptional activator. May be involved in the differentiation and/or survival of late postmitotic neurons (By similarity).
<b>Cellular Location</b>	Nucleus. Chromosome. Note=Localizes to chromocenters

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