

**bs-13565R****[ Primary Antibody ]****ZBTB12 Rabbit pAb**

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**— DATASHEET —**

|   |                      |  |
|---|----------------------|--|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> <b>WB</b> (1:500-2000)<br><b>ELISA</b> (1:5000-10000) |
| <b>Clonality:</b> Polyclonal  |                      |  |
| <b>GeneID:</b> 221527   | <b>SWISS:</b> Q9Y330 | <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Dog)    |
| <b>Target:</b> ZBTB12   |                      |  |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ZBTB12: 21-120/459.   |                      |  |
| <b>Purification:</b> affinity purified by Protein A   |                      | <b>Predicted MW.:</b> 49 kDa   |
| <b>Concentration:</b> 1mg/ml  |                      | <b>Subcellular Location:</b> Nucleus                                       |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      |  |
| <b>Background:</b> ZBTB12 is a 459 amino acid protein that may be involved in transcriptional regulation. BAT9 localizes to nucleus, contains one BTB (POZ) domain and four C2H2-type zinc fingers. The BAT9 gene maps to human chromosome 6p21.32. Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatibility complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. |                      |  |