

Zbtb 20

Cat.No. 362 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

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| Reconstitution/ Storage | 50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. |
| Applications | WB: not tested yet IP: not tested yet ICC: 1 : 500 IHC: 1 : 500 IHC-P/FFPE: not tested yet |
| Immunogen | Recombinant protein corresponding to AA 1 to 68 from mouse Zbtb20 (UniProt Id: Q8K0L9) |
| Reactivity | Reacts with: rat (D4A1U1), mouse (Q8K0L9). Other species not tested yet. |
| Specificity | Specific for Zbtb 20. |

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

The zinc finger and broad complex, tramtrack, bric-a-brac domain-containing protein **20** or **Zbtb 20** is a transcription factor expressed by developing hippocampal projection neurons. The hippocampus of Zbtb 20 K.O. mice was reduced in size, and exhibited increased apoptotic cell death during postnatal development.

In mature neurons Zbtb 20 is involved in the regulation of hippocampus dependent memory.

Selected General References

Zbtb20 defines a hippocampal neuronal identity through direct repression of genes that control projection neuron development in the isocortex.

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Regulation of hippocampus-dependent memory by the zinc finger protein Zbtb20 in mature CA1 neurons.
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Zbtb20 is essential for the specification of CA1 field identity in the developing hippocampus.
Xie Z, Ma X, Ji W, Zhou G, Lu Y, Xiang Z, Wang YX, Zhang L, Hu Y, Ding YQ, Zhang WJ, et al.
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Mitchellmore C, Kjaerulff KM, Pedersen HC, Nielsen JV, Rasmussen TE, Fisker MF, Finsen B, Pedersen KM, Jensen NA
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