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Zyg11BL

Cat.No. 335 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

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: 1: 1000 (AP staining) IP: not tested yet ICC: not tested yet IHC: not tested yet IHC-P/FFPE: not tested yet
Immunogen	Synthetic peptide corresponding to AA 767 to 779 from mouse Zyg11BL (UniProt Id: Q3UFS0)
Reactivity	Reacts with: rat, mouse (Q3UFS0). Other species not tested yet.
Specificity	Specific for Zyg11BL.

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

Mammalian **Zyg11BL**, a Zer 1 homolog, shows high levels of expression in skeletal muscle and the testes and is also clearly detectable in brain. It is believed to serve as a possible variable **s**ubstrate **r** ecognition **s**ubunit (SRS) that confers substrate specificity to CBCs. CBCs are composed of the CUL 2, elongin B and C, Rbx 1/Roc 1 and one SRS.

Selected General References

Systematic identification of interactions between host cell proteins and E7 oncoproteins from diverse human papillomaviruses.
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Characterization of Cullin-box sequences that direct recruitment of Cul2-Rbx1 and Cul5-Rbx2 modules to Elongin BC-based ubiquitin ligases.

Mahrour N, Redwine WB, Florens L, Swanson SK, Martin-Brown S, Bradford WD, Staehling-Hampton K, Washburn MP, Conaway RC, Conaway JW

The Journal of biological chemistry (2008) 283(12): 8005-13.

The Caenorhabditis elegans cell-cycle regulator ZYG-11 defines a conserved family of CUL-2 complex components. Vasudevan S, Starostina NG, Kipreos ET

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Meiotic human sperm cells express a leucine-rich homologue of Caenorhabditis elegans early embryogenesis gene, Zyg-11. Féral C, Wu YO, Pawlak A, Guellaën G

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