

bs-4285R**[Primary Antibody]****BioSS**
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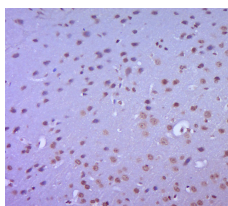
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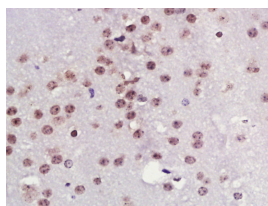
400-901-9800

TPX2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 22974	SWISS: Q9ULW0	
Target: TPX2		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human TPX2: 551-650/747.		
Purification: affinity purified by Protein A		Predicted MW.: 86 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm ,Nucleus
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: TPX2 is essential for spindle pole and mitotic spindle formulation, playing a role in the S and G2 phases of mitosis. It is also critical for the function of protein kinase Aurora A. TPX2 autophosphorylates Aurora A, targeting it to the spindle apparatus and allowing it to function in eukaryotic meiotic and mitotic cell cycles. TPX2 has also been found to be highly expressed in cancer cells.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TPX2) Polyclonal Antibody, Unconjugated (bs-4285R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



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