

Product Datasheet

TPX2 Antibody (TPX2-01) - BSA Free NBP2-67265

Unit Size: 0.1 mg

Store at 4C.

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NBP2-67265

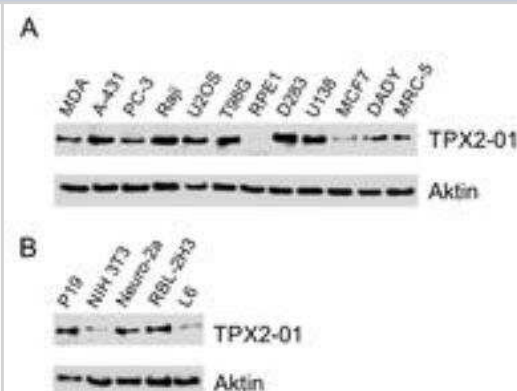
TPX2 Antibody (TPX2-01) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	TPX2-01
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Mouse
Gene ID	22974
Gene Symbol	TPX2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	The mouse monoclonal antibody TPX2-01 recognizes the epitope EPFVPKKEKKS (aa 636-646 in human) of TPX2, a microtubule-associated intracellular critical regulator of mitosis, which is overexpressed in many types of tumors and is a marker of worse prognosis in various cancers.
Immunogen	Human TPX2
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin

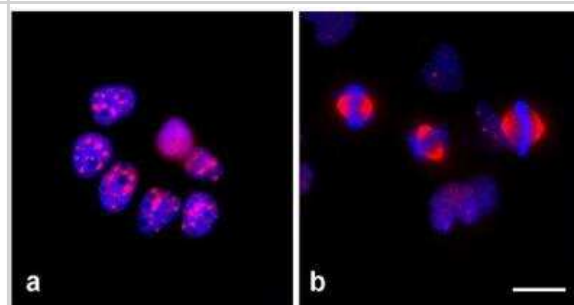


Images

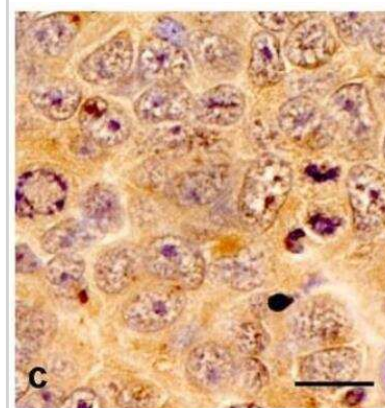
Western Blot: TPX2 Antibody (TPX2-01) [NBP2-67265] - Analysis of TPX2 using monoclonal antibody TPX2 in A) human cell lines, B) murine (P19, NIH 3T3, Neuro-2a) and rat (RBL-2H3, L6) cell lines.



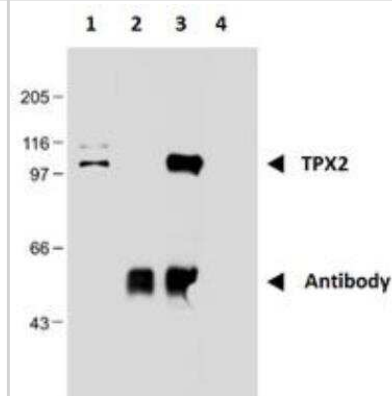
Immunocytochemistry: TPX2 Antibody (TPX2-01) [NBP2-67265] - Glioblastoma cell line T98G: a) interphase, b) mitosis. Bar: 20 μ m.



Immunohistochemistry: TPX2 Antibody (TPX2-01) [NBP2-67265] - TPX2 in U87MG human glioblastoma cells (orthotopic xenograft in murine brain). Bar: 20 μ m.



Immunoprecipitation: TPX2 Antibody (TPX2-01) [NBP2-67265] - TPX2 from nuclear extract of HEK293 cells using monoclonal antibody TPX2. 1) nuclear extract, 2) antibody, 3) immunoprecipitate, 4) carrier



Publications

Zhang Y, Fan B, Li X et al. Phosphorylation of adducin-1 by TPX2 promotes interpolar microtubule homeostasis and precise chromosome segregation in mouse oocytes Cell & bioscience 2022-12-20 [PMID: 36539904] (ICC/IF, WB, Mouse)



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Products Related to NBP2-67265

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00022974-Q01-10ug	Recombinant Human TPX2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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