

TPX2 Polyclonal Antibody

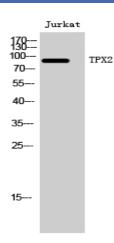
Catalog No :	YT4712
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	TPX2
Gene Name :	TPX2
Protein Name :	Targeting protein for Xklp2
Human Gene Id :	22974
Human Swiss Prot No :	Q9ULW0
Mouse Gene Id :	72119
Mouse Swiss Prot	A2APB8
No : Immunogen :	The antiserum was produced against synthesized peptide derived from human DIL-2. AA range:301-350
Specificity :	TPX2 Polyclonal Antibody detects endogenous levels of TPX2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000 IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)



Observed	Band :	86kD

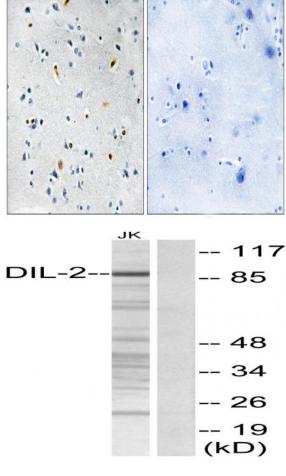
Background :	developmental stage:Exclusively expressed in proliferating cells from the transition G1/S until the end of cytokinesis.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:During mitosis it is strictly associated with the spindle pole and with the mitotic spindle, whereas during S and G2, it is diffusely distributed throughout the nucleus.,tissue specificity:Expressed in lung carcinoma cell lines but not in normal lung tissues.,
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Subcellular Location :	Nucleus . Cytoplasm, cytoskeleton, spindle . Cytoplasm, cytoskeleton, spindle pole . During mitosis it is strictly associated with the spindle pole and with the mitotic spindle, whereas during S and G2, it is diffusely distributed throughout the nucleus. Is released from the nucleus in apoptotic cells and is detected on apoptotic microtubules
Expression :	Expressed in lung carcinoma cell lines but not in normal lung tissues.

Products Images



Western Blot analysis of Jurkat cells using TPX2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



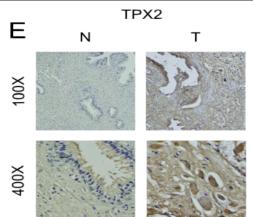


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DIL-2 Antibody. The picture on the right is blocked with the synthesized peptide.

Western blot analysis of lysates from Jurkat cells, using DIL-2 Antibody. The lane on the right is blocked with the synthesized peptide.

(kD) 117-85-48-34-26-19Western blot analysis of the lysates from HUVECcells using DIL-2 antibody.





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