
Product Name: TPX2 Rabbit Monoclonal Antibody**Catalog #: AMRe03237**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.68mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 86 kDa; Observed MW: 100 kDa

Antigen Information

Gene Name	TPX2
Alternative Names	DIL2; p100; DIL-2; HCTP4; FLS353; HCA519; REPP86; C20orf1; C20orf2; GD:C20orf1
Gene ID	22974
SwissProt ID	Q9ULW0
Immunogen	A synthetic peptide of human TPX2

Background

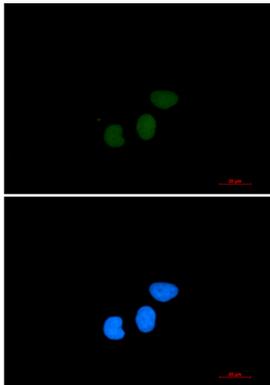
Spindle assembly factor. Required for normal assembly of mitotic spindles. Required for normal assembly of microtubules during apoptosis. Required for chromatin and/or kinetochore dependent microtubule nucleation. Mediates AURKA localization

to spindle microtubules. Activates AURKA by promoting its autophosphorylation at 'Thr-288' and protects this residue against dephosphorylation.

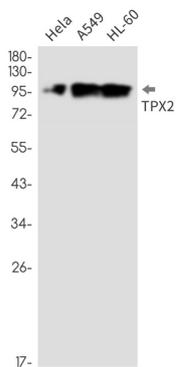
Research Area

Cell Biology

Image Data



Immunocytochemistry analysis of TPX2 (green) in HeLa using TPX2 antibody, and DAPI (blue).



Western blot analysis of TPX2 in HeLa, A549, HL-60 lysates using TPX2 antibody.