

Datasheet for ABIN2807149

anti-TPX2 antibody (AA 551-650) (AbBy Fluor® 594)



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Overview

Quantity:	100 µL
Target:	TPX2
Binding Specificity:	AA 551-650
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPX2 antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TPX2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TPX2
Alternative Name:	TPX2 (TPX2 Products)

Target Details

Background:	Synonyms: C20ORF1, C20orf2, Chromosome 20 Open Reading Frame 1, Dferentially expressed in cancerous and non-cancerous lung cells 2, Dferentially expressed in cancerous and noncancerous lung cells 2, Dferentially expressed in lung cells 2, Dferentially expressed in lung cells, DIL 2, DIL-2, DIL2, FLS353, GD:C20orf1, HCA 519, HCA519, HCTP 4, HCTP4, Hepatocellular carcinoma associated antigen 519, Hepatocellular carcinoma-associated antigen 519, p100, Preferentially expressed in colorectal cancer, Protein FLS353, REPP 86, repp86, Restricted expression proliferation associated protein 100, Restricted expression proliferation-associated protein 100, Targeting protein for XKLP2, TPX 2, TPX2, TPX2 microtubule associated homolog, TPX2 microtubule associated protein homolog, TPX2_HUMAN. 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.
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Gene ID:	22974
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months