

Rabbit anti-Human TPX2 Polyclonal Antibody | anti-TPX2 antibody

Rabbit anti-TPX2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210944	Rabbit	Human	Immunocytochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

TPX2; Polyclonal Antibody; Rabbit anti-TPX2 Antibody; Affinity Purified; p100; preferentially expressed in colorectal cancer; protein fls353; REPP86; restricted expression proliferation associated protein 100; Restricted expression proliferation-associated protein 100; targeting protein for Xklp2; microtubule-associated protein homolog; hepatocellular carcinoma-associated antigen 90; C20orf2; microtubule-associated; homolog; HCTP4; HCA519; GD:C20orf1; FLS353; DIL-2; DIL2; C20orf1; differentially expressed in cancerous and non-cancerous lung cells 2; hepatocellular carcinoma-associated antigen 519; differentially expressed in lung cells; Targeting protein for Xklp2; microtubule nucleation factor; anti-TPX2 antibody

PRODUCT SPECIFICATIONS

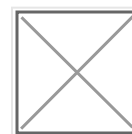
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TPX2 antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 150 and 200
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human TPX2 by western blot and immunoprecipitation. Samples: Whole cell lysate (WCL; 5, 15, 50 ug for A; 50 ug for Input and 1 mg for IP in B) from HeLa cells. Antibodies: Affinity purified rabbit anti-TPX2 antibody BL1677 (Cat. No. AAA210944) used at 0.1 ug/ml for WB (A & B) and at 0.4 ug/mg lysate for IP (B). TPX2 was also immunoprecipitated using rabbit anti-TPX2 antibody BL1679 (Cat. No. at 0.4 ug/mg lysate. Detection: Chemiluminescence with an exposure time of 1 minute.



ICC (Immunocytochemistry)

Detection of human TPX2 by immunocytochemistry. Sample: Formaldehyde-fixed asynchronous HeLa cell. Antibody: Affinity purified rabbit anti-TPX2 (Cat. No. AAA210944 Lot1) used at a dilution of 1:400 (2.5ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG-heavy and light chain, cross-adsorbed Antibody DyLight 594 Conjugated used at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TPX2 antibody	TPX2 is a microtubule associated protein (MAP) that co-localizes with spindle microtubules during M-phase of the cell cycle. It may function to nucleate microtubules and initiate microtubule polymerization and assembly for spindle formation. TPX2 is a target of RanGTP, a small GTPase that coordinates spindle assembly. TPX2 protein levels peak during mitosis and are tightly regulated by ubiquitination during the cell cycle.
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Product Categories/Family for anti-TPX2 antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20127519
NCBI GeneID	22974
NCBI Accession #	NP_036244.2
NCBI GenBank Nucleotide #	NM_012112.4
UniProt Accession #	Q9ULW0; Q9H1R4; Q9NRA3; Q9UFN9; Q9UL00; Q9Y2M1
Molecular Weight	85,653 Da
NCBI Official Full Name	targeting protein for Xklp2
NCBI Official Synonym Full Names	TPX2, microtubule-associated, homolog (Xenopus laevis)
NCBI Official Symbol	TPX2
NCBI Official Synonym Symbols	DIL2; p100; DIL-2; HCTP4; FLS353; HCA519; REPP86; C20orf1; C20orf2; GD:C20orf1
NCBI Protein Information	targeting protein for Xklp2; protein fls353; differentially expressed in lung cells; TPX2, microtubule-associated protein homolog; preferentially expressed in colorectal cancer; hepatocellular carcinoma-associated antigen 519; restricted expression prolifer
UniProt Protein Name	Targeting protein for Xklp2
UniProt Gene Name	TPX2
UniProt Synonym Gene Names	C20orf1; C20orf2; DIL2; HCA519; DIL-2; p100
UniProt Entry Name	TPX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tpx2-antibody-immunocytochemistry-immunoprecipitation-western-blot-elisa/210944>