

Product Name: KD-Validated TPX2 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00305**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 85.7kDa

Antigen Information

Gene Name	TPX2
Alternative Names	TPX2; TPX2 Microtubule Nucleation Factor; HCA519; DIL-2; P100; Hepatocellular Carcinoma-Associated Antigen 519; Targeting Protein For Xklp2; C20orf1; C20orf2; FLS353; Differentially Expressed In Cancerous And Non-Cancerous Lung Cells 2; Differentially Expressed In Cancerous And Noncancerous Lung Cells 2; Hepatocellular Carcinoma-Associated Antigen 90; Protein Fls353; DIL2; Restricted Expression Proliferation Associated Protein 100; Restricted Expression Proliferation-Associated Protein 100; TPX2, Microtubule-Associated, Homolog (Xenopus Laevis); Preferentially Expressed In Colorectal Cancer; TPX2, Microtubule-Associated Protein Homolog; Differentially Expressed In Lung Cells; TPX2, Microtubule-Associated, Homolog; Chromosome 20 Open Reading Frame 1; TPX2, Microtubule-Associated; GD:C20orf1; REPP86; HCTP4

Gene ID	22974.0
SwissProt ID	Q9ULW0
Immunogen	A synthesized peptide derived from human TPX2

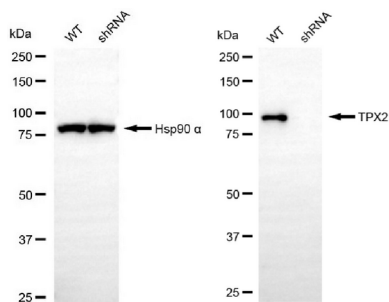
Background

Enables importin-alpha family protein binding activity; molecular adaptor activity; and protein kinase binding activity. Involved in activation of protein kinase activity; microtubule cytoskeleton organization; and negative regulation of microtubule depolymerization. Located in intercellular bridge; nucleoplasm; and spindle. Is active in spindle. [provided by Alliance of Genome Resources, Apr 2025]

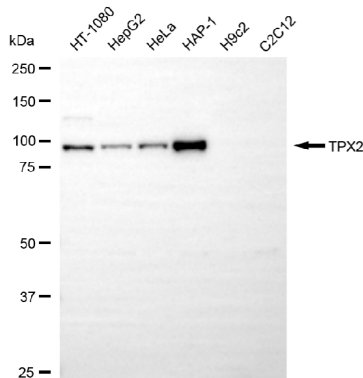
Research Area

Cell Biology, Epigenetics and Nuclear Signaling, Cancer

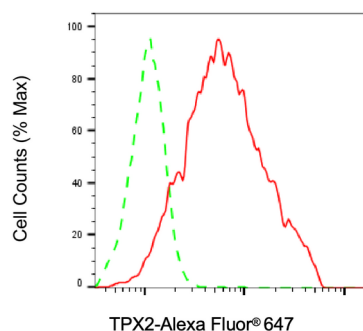
Image Data



Western blotting analysis using TPX2 antibody (KVA00305). TPX2 expression in wild-type (WT) and TPX2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TPX2 antibody (KVA00305, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using TPX2 antibody (KVA00305). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TPX2 antibody (KVA00305, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of TPX2 expression in HAP-1 cells using TPX2 antibody (KVA00305, 1:2,000). Green, isotype control; red, TPX2.

