



[Go to Product page](#)

Datasheet for ABIN706408
anti-TPX2 antibody (AA 551-650) (Biotin)

Overview

Quantity:	100 µL
Target:	TPX2
Binding Specificity:	AA 551-650
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPX2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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, Differentially expressed in cancerous and non-cancerous lung cells 2, Differentially expressed in cancerous and noncancerous lung cells 2, Differentially expressed in lung cells 2, Differentially 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.

Gene ID: 22974

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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 for 12 months.

Expiry Date: 12 months