

Datasheet for ABIN7171529

anti-TPX2 antibody (AA 160-320) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TPX2
Binding Specificity:	AA 160-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPX2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Targeting protein for Xklp2 protein (160-320AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TPX2
Alternative Name:	TPX2 (TPX2 Products)
Background:	Background: Spindle assembly factor required for normal assembly of mitotic spindles. Required for normal assembly of microtubules during apoptosis. Required for chromatin and/or

Target Details

kinetochore dependent microtubule nucleation. Mediates AURKA localization to spindle microtubules (PubMed:18663142, PubMed:19208764). Activates AURKA by promoting its autophosphorylation at 'Thr-288' and protects this residue against dephosphorylation (PubMed:18663142, PubMed:19208764). TPX2 is inactivated upon binding to importin-alpha (PubMed:26165940). At the onset of mitosis, GOLGA2 interacts with importin-alpha, liberating TPX2 from importin-alpha, allowing TPX2 to activates AURKA kinase and stimulates local microtubule nucleation (PubMed:26165940).

Aliases: C20ORF1 antibody, C20orf2 antibody, Chromosome 20 Open Reading Frame 1 antibody, Differentially expressed in cancerous and non-cancerous lung cells 2 antibody, Differentially expressed in cancerous and noncancerous lung cells 2 antibody, Differentially expressed in lung cells 2 antibody, Differentially expressed in lung cells antibody, DIL 2 antibody, DIL-2 antibody, DIL2 antibody, FLS353 antibody, GD:C20orf1 antibody, HCA 519 antibody, HCA519 antibody, HCTP 4 antibody, HCTP4 antibody, Hepatocellular carcinoma associated antigen 519 antibody, Hepatocellular carcinoma-associated antigen 519 antibody, p100 antibody, Preferentially expressed in colorectal cancer antibody, Protein fls353 antibody, REPP 86 antibody, repp86 antibody, Restricted expression proliferation associated protein 100 antibody, Restricted expression proliferation-associated protein 100 antibody, Targeting protein for Xklp2 antibody, TPX 2 antibody, TPX2 antibody, TPX2 microtubule associated homolog antibody, TPX2 microtubule associated protein homolog antibody, TPX2 microtubule nucleation factor antibody, TPX2_HUMAN antibody

UniProt: [Q9ULW0](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.