

Rabbit TPX2 Polyclonal Antibody | anti-TPX2 antibody

TPX2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199681	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

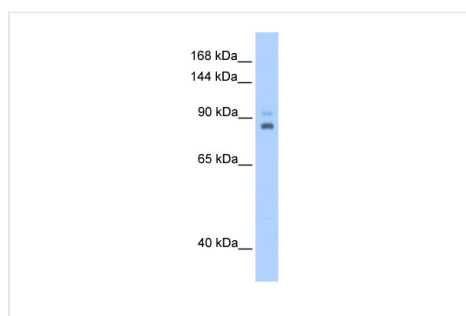
PRODUCT SYNONYMS

TPX2; Polyclonal Antibody; TPX2 antibody - C-terminal region; anti-TPX2 antibody

PRODUCT SPECIFICATIONS

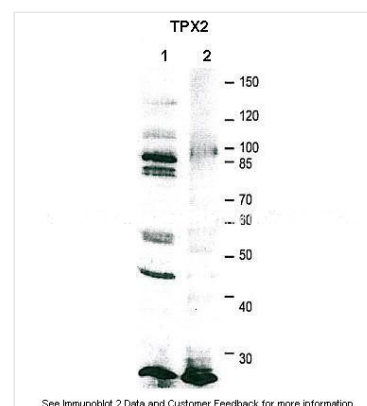
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LS GSLVQEPFQL ATEKRAKERQ ELEKRMAEVE AQKAQQLEEA RLQEEEQK
Sequence Length	747
Applicable Applications for anti-TPX2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human TPX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TPX2 Antibody Titration: 0.2-1 ug/ml
Positive Control: 721_B cell lysate
TPX2 is supported by BioGPS gene expression data to be expressed in 721_B



WB (Western Blot)

Sample Type: HeLa cell extract, Xenopus laevis egg extract
Application: Western blotting
Species + Tissue/Cell type: HeLa cell extract 20000 cells/lane, Xenopus laevis egg extract 0.3 ul/lane
How many ug's of tissue/cell lysate run on the gel: 1. HeLa cell extract 20000 cells/lane 2. Xenopus laevis egg extract 0.3 ul/lane
Primary antibody dilution: 1:1000
Secondary antibody: Anti-Rabbit HRP
Secondary antibody dilution: 1:5000

ADDITIONAL INFORMATION

Related Product Information for anti-TPX2 antibody	This is a rabbit polyclonal antibody against TPX2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TPX2 binding decreases the size and accessibility of a hydrophobic pocket, adjacent to the ATP site, to inhibitors.
Product Categories/Family for anti-TPX2 antibody	Polyclonal; Cell Cycle Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127519
NCBI GeneID	22974
NCBI Accession #	NP_036244
NCBI GenBank Nucleotide #	NM_012112
UniProt Accession #	Q9ULW0
Molecular Weight	86kDa
NCBI Official Full Name	targeting protein for Xklp2
NCBI Official Synonym Full Names	TPX2 microtubule nucleation factor
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
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.