

Anti-DIL-2 TPX2 Antibody

Catalog Number: A01610

About TPX2

Spindle assembly factor. Required for normal assembly of mitotic spindles. Required for normal assembly of microtubules during apoptosis. Required for chromatin and/or kinetochore dependent microtubule nucleation. Mediates AURKA localization to spindle microtubules. Activates AURKA by promoting its autophosphorylation at 'Thr-288' and protects this residue against dephosphorylation.

Manda R., Genomics 61:5-14(1999).

Zhang Y., Cytogenet. Cell Genet. 84:182-183(1999).

Wang Y., J. Immunol. 169:1102-1109(2002).

Overview

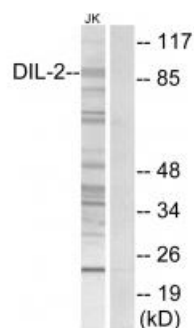
Product Name	Anti-DIL-2 TPX2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-DIL-2 TPX2 Antibody (Catalog # A01610). Tested in WB, IHC applications. This antibody reacts with Human, Mouse.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9ULW0

Technical Details

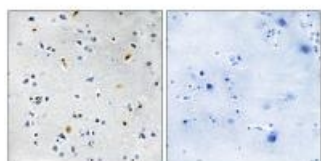
Immunogen	Synthesized peptide derived from internal of human DIL-2.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1:500~1:3000</p> <p>Immunohistochemistry: 1:50~1:100</p>

Anti-DIL-2 TPX2 Antibody (A01610) Images



Western blot analysis of extracts from Jurkat cells, using DIL-2 antibody A01610.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using DIL-2 antibody A01610.

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