

TPX2 Polyclonal Antibody

Catalog Number:E-AB-17129



Note: Centrifuge before opening to ensure complete recovery of vial contents.

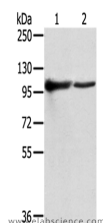
Description

Reactivity	Human,Mouse
Immunogen	Fusion protein of human TPX2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

WB	1:500-2000
ELISA	1:2000-5000

Data



Western Blot analysis of K562 and A431 cells using
TPX2 Polyclonal Antibody at dilution of 1/800
Calculated Mw:86 kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

TPX2 (targeting protein for Xklp2) is a microtubule-associated protein involved in targeting the motor protein Xklp2 to microtubules. Ran-GTP activates TPX2 for the chromatin-induced microbutule assembly during M phase. Aurora-A kinase associates with TPX2 at the spindle apparatus and may regulate TPX2 via phosphorylation during the spindle assembly. TPX2 appears to play a structural role in spindle formation. TPX2 activates Eg2 in a microtubule-dependent manner by stimulating the phosphorylation and kinase activity of Eg2.

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