

# PRODUCT DATA SHEET

Bioworld Technology,Inc.

# **NEK2** polyclonal antibody

Catalog: BS7552 Host: Rabbit Reactivity: Human, Rat

#### **BackGround:**

This gene encodes a serine/threonine-protein kinase that is involved in mitotic regulation. This protein is localized to the centrosome, and undetectable during G1 phase, but accumulates progressively throughout the S phase, reaching maximal levels in late G2 phase.

#### **Product:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

# **Molecular Weight:**

~ 52 kDa

## **Swiss-Prot:**

P51955

#### **Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

# **Applications:**

WB 1:500 - 1:2000 IHC-P 1:50 - 1:200

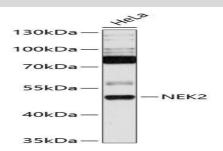
# Storage&Stability:

Store at  $4\,\mathrm{C}$  short term. Aliquot and store at -20  $\mathrm{C}$  long term. Avoid freeze-thaw cycles.

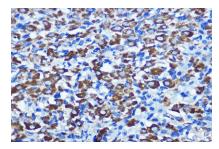
## **Specificity:**

NEK2 polyclonal antibody detects endogenous levels of NEK2 protein.

## **DATA:**



Western blot analysis of lysates from HeLa cells, using NEK2 pAb at 1:1000 dilution.



Immunohistochemistry analysis of NEK2 in paraffin-embedded rat ovary using NEK2 pAb at dilution of 1:100 (40x lens).

# Note:

For research use only, not for use in diagnostic procedure.

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