

订购热线: 4008-898-798

# Anti-NEK10 antibody

**Cat. No.** ml161382

Package 25  $\mu$ l/100  $\mu$ l/200  $\mu$ l

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-NEK10 rabbit polyclonal antibody

**Applications** ELISA, IHC

Immunogen Synthetic peptide of human NEK10

ReactivityHumanContent0.1 mg/mlHost speciesRabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

**Target information** 

Symbol NEK10

Full name NIMA-related kinase 10

Synonyms

Swissprot Q6ZWH5

### **Target Background**

Nek10 (NIMA (never in mitosis gene a)-related kinase 10) is a 712 amino acid protein belonging to the NIMA subfamily of kinases and functions as a magnesium-dependent serine/threonine protein kinase. Kinases of the NIMA subfamily are typically involved in genotoxic stress response and DNA replication. Nek10 is expressed in brain and may contain a 14-3-3 interaction motif in its C-terminus. The gene encoding Nek10 has been localized to a region on chromosome 3 that may contribute to vulnerability to addictions. Due to alternative splicing events, three isoforms exist for Nek10.

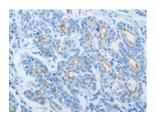


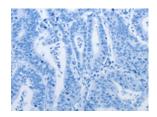
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### **Applications**

## **Immunohistochemistry**

Predicted cell location: Luminal membranous Positive control: Human gasrtic cancer Recommended dilution: 25-100





The image on the left is immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using ml161382(NEK10 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

#### **ELISA**

Recommended dilution: 2000-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio\_cn@yeah.net 网址: www.mlbio.cn